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FAA-EE-83-13

TABULATIONS OF OZONESONDE DATA: 1963-1980

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PREFACE

This report contains data analyzed from all available ozonesonde measurements through April 1980. Many of these were not available when Federal Aviation Administration (FAA) Report Number FAA-EQ-78-03, "Guidelines for Flight Planning During Periods of High Ozone Occurrence" was published in 1978.

The FAA has published Advisory Circular 120-38, "Transport Category Airplanes Cabin Ozone Concentrations" dated October 10, 1980. (Copies of this advisory circular may be obtained free of charge from the United States Department of Transportation, Publications Section M-443.1, Washington, D.C. 20590.) In this advisory circular, examples are presented for acceptable (but not the only) means for an air carrier to demonstrate compliance with the maximum permissible cabin ozone concentrations established by Section 121.578 of the Federal Aviation Regulations (FAR). In paragraph 6 and Appendix 2 of the advisory circular, it is stated that any ozone data set used to show compliance must have, as a minimum, a resolution on a monthly basis of 2,000 feet in altitude and 5 degrees in latitude.

The tabulations in this report have not been statistically compared with those published in the FAA Report Number FAA-EQ-78-03, "Guidelines for Flight Planning During Periods of High Ozone Occurrence," to determine the spatial and temporal differences, if any, between the two tabulations. Hence, use of the data tabulated in this report, to show compliance with Section 121.578 of the FAR, is not acceptable. Since the data sets have been compiled, however, the FAA would like to disseminate them at this time as information to the scientific community and other interested groups.

John E. Wesler
Director of Environment and Energy
Federal Aviation Administration

INTRODUCTION

A goal of the Global Atmospheric Sampling Program (GASP) is to prepare a climatological summary of the atmospheric ozone distribution. Tabulations of ambient ozone and its statistics have been presented by Belmont, et al. (1978) for ozonesonde and GASP data. Ambient ozone data obtained from GASP airliners have been tabulated by Nastrom and Holdeman (1980) and Jasperson and Holdeman (1982). The purpose of this report is to present an up-to-date tabulation of globally available ozonesonde measurements.

DATA

Ozonesonde data were obtained from three sources. The first source was the World Data Center-A (Meteorology), Asheville, NC, where ozonesonde data collected in a program initiated by the Air Force Cambridge Research Laboratory is archived. These data were collected at 15 western stations between 1963 and 1971. The second source of data was the World Data Center for Ozone, Toronto, which supplied ozonesonde data from 50 stations world-wide. In addition, data were extracted from Dütsch (1966) and Dutsch, et al. (1970) for Boulder, CO, and from Dütsch (1974) for Payerne, Switzerland.

Table 1 presents all of the ozonesonde stations from which the statistics tabulated in this report were computed. Also included in this table are the period of record and the number of ozonesonde ascents for each station. Southern Hemisphere data come primarily from Antarctica and Australia, while Northern Hemisphere data come primarily from India, Japan, North America and Europe. Some ascents were made from the ships R/V Ah. Shirshov and USNS Eltanin when they were located in the Equatorial Indian Ocean and the South Pacific, respectively.

Appendices A and B contain the climatological ozonesonde statistics. The statistics are not presented by individual ozonesonde stations, but they are gridded in a format similar to that used to present the GASP data in the earlier referenced GASP reports. The statistics presented include the number of observations, the mean, the standard deviation, and the empirical 50th, 84th and 98th percentiles of ozone at each 2000 ft. level between 19000 and 59000 feet. Units of ozone are given in parts per million by volume (ppmv). Appendix A presents the data in grids of size 45^{o} longitude

and 10^{o} latitude for each season (Winter = December, January, February). Appendix B presents the data in grids of size 45^{o} longitude and 5^{o} latitude for each month.

SUMMARY

Ozonesonde data available from the period 1962-1980 have been compiled and statistics computed. Seasonal and monthly statistics of the mean, standard deviation and the empirical 50th, 84th and 98th percentiles of ozone are presented as a function of height. The gridded format which was used parallels the format of the GASP data summaries so that comparisons between the two can easily be made.

REFERENCES

Belmont, A. D., R. W. Wilcox, G. D. Nastrom, D. N. Hovland and D. G. Dartt, 1978: Guidelines for flight planning during periods of high ozone occurence. FAA-EQ-78-03, 156 pp.

Dütsch, H. U., 1966: Two years of regular ozone soundings over Boulder, Colorado. NCAR Tech. Note 10, Boulder, CO, 441 pp.

Dütsch, H. U., W. Züllig, and Ch. Ling, 1970: Regular ozone observation at Thalwil, Switzerland and at Boulder, Colorado. Report LAPETH -1, Zurich, 279 pp.

Dütsch, H. U., 1974: Regular ozone soundings at the aerological station of the Swiss Meteorological Office at Payerne, Switzerland 1968-1972. Report LAPETH - 10, Zurich, Switzerland, 335 pp.

Jasperson, W. H. and J. D. Holdeman, 1982: Tabulations of Ambient ozone data obtained by GASP airliners; March 1975 to July 1979. FAA-EE-83-12 (Also NASA TM-82742).

Nastrom, G. D. and J. D. Holdeman, 1980: Tabulations of Ambient ozone data obtained by GASP airliners; March 1975 to December 1977. FAA-EE-80-43 (Also NASA TM-81528).

Table 1

OZONESONDE STATIONS BY REGION

Station	Latitude	Longitude	Period of Record	Total No. of Ascents
Antarctica				
Amundson - Scott	90.0S	24.8W	3/62 - 12/66	111
King Baudouin	70.4S	24.3E	3/65 - 12/66	27
Hallet	72.3S	170.3E	2/62 - 11/63	26
Byrd	80.0S	119.5W	11/63 - 12/66	111
Syowa	69.0S	39.6E	11/67 - 10/79	133
Wilkes	66.2S	110.5E	2/63 - 11/63	7
Australia/New Zealand				
Aspendale	38.0S	145.1E	6/65 - 7/79	705
Christchurch	43.5S	172.5E	3/65 - 12/65	25
India				
Trivandrum	8.5N	77.0E	7/69 - 12/76	32
Bombay	19.1N	72.9E	12/68 - 12/69	7
Poona	18.5N	73.9E	2/66 - 12/76	135
Mt. Abu	24.6N	72.7E	3/65 - 4/66	4
New Delhi	28.6N	77.2E	1/69 - 12/76	99
Japan				
Kagoshima	31.6N	130.6E	12/68 - 12/79	210
Tateno	36.1N	140.1E	3/68 - 12/79	233
Sapporo	43.0N	141.3E	12/68 - 12/79	237
Islands and Ships				
Hilo, Hawaii	19.7N	155.1W	12/64 - 12/65	17
Canton Island	2.8S	171.7W	2/65 - 12/65	32
Grand Turk	21.5N	71.2W	12/63 - 5/69	128
R/V Ak. Shirshov	Variable		5/77 - 8/77	29
USNS Eltanin	Variable		3/65 - 4/66	21
South America				
Puerto Montt, Chile	41.4S	72.8W	12/64 - 1/66	22
LaPaz, Bolivia	16.5S	68.0W	3/65 - 9/65	10
Natal, Brazil	5.9S	35.4W	8/79 - 11/79	7
Central America				
Balboa/Canal Zone, Panama	9.0N	79.6W	1/63 - 5/69	123
Ft. Sherman, Panama	9.4N	79.9W	7/77 - 7/77	58

North America

Tallahassee, FL	30.4N	74.3W	1/63 - 5/68	147
Cape Canaveral, FL	28.5N	80.6W	2/66 - 5/69	134
Palestine, TX	31.8N	95.7W	10/77 - 9/79	47
Albuquerque, NM	35.0N	106.6W	1/63 - 12/65	205
Topeka, KS	39.1N	95.6W	4/63 - 5/63	10
Wallops Island, VA	37.9N	75.5W	2/67 - 3/80	438
Sterling, VA	39.0N	77.5W	8/62 - 6/66	179
Boulder, CO	40.0N	105.2W	8/63 - 7/66	495
Fort Collins, CO	40.6N	105.1W	1/63 - 6/67	208
Madison/GreenBay, WI	43.1N	89.4W	1/63 - 12/65	83
Toronto, Ont.	43.8N	79.5W	11/76 - 4/80	12
Seattle, WA	47.4N	122.3W	1/63 - 12/65	146
Bedford, MA	42.5N	71.3W	12/62 - 3/71	578
Yorkton, Sask.	51.3N	102.5W	7/75 - 8/78	99
Cold Lake, Alta.	54.8N	110.1W	2/77 - 2/80	46
Edmonton, Alta.	53.6N	114.1W	10/70 - 4/80	386
Churchill, Man.	58.8N	94.1W	1/63 - 4/80	405
Goose Bay, Nfld	53.3N	60.4W	1/63 - 4/80	731
Fairbanks, AK	64.8N	147.9W	4/63 - 12/65	106
Poker Flat, AK	65.1N	147.5W	7/79 - 7/79	7
Resolute, NWT	74.7N	95.0W	1/66 - 4/80	628
Thule, Greenland	76.5N	68.8W	1/63 - 1/66	91

Western Europe

Lisbon, Port.	38.8N	9.2W	6/73 - 4/76	80
Cagliari/Elmas, Italy	39.2N	9.0E	7/68 - 8/76	225
El Arenosillo, Spain	37.1N	6.7W	5/77 - 5/77	17
Payerne, Switz.	46.8N	6.9E	8/68 - 1/77	1033
Thalwil, Switz.	47.3N	8.6E	9/66 - 7/68	243
Biscarrosse, France	44.4N	1.2W	3/76 - 4/80	216
Paris/Val Joyeux, Fr.	48.8N	2.3E	1/64 - 5/67	63
Garmish Partenkirchen, FRG	47.5N	11.1E	1/78 - 1/79	126
Hohenpeissenberg, FRG	47.8N	11.0E	3/65 - 4/80	965
Lindenberg, GDR	52.2N	14.1E	1/75 - 4/80	317
Uccle, Belgium	50.8N	4.3E	9/65 - 9/67	100
Tempelhof/Berlin, FRG	52.5N	13.4E	11/66 - 1/73	357

APPENDIX A - TABLES OF OZONESONDE DATA BY SEASON; 10° LATITUDE BY 45° LONGITUDE BY 2000 FT ALTITUDE INTERVALS

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

WINTER
FL 190

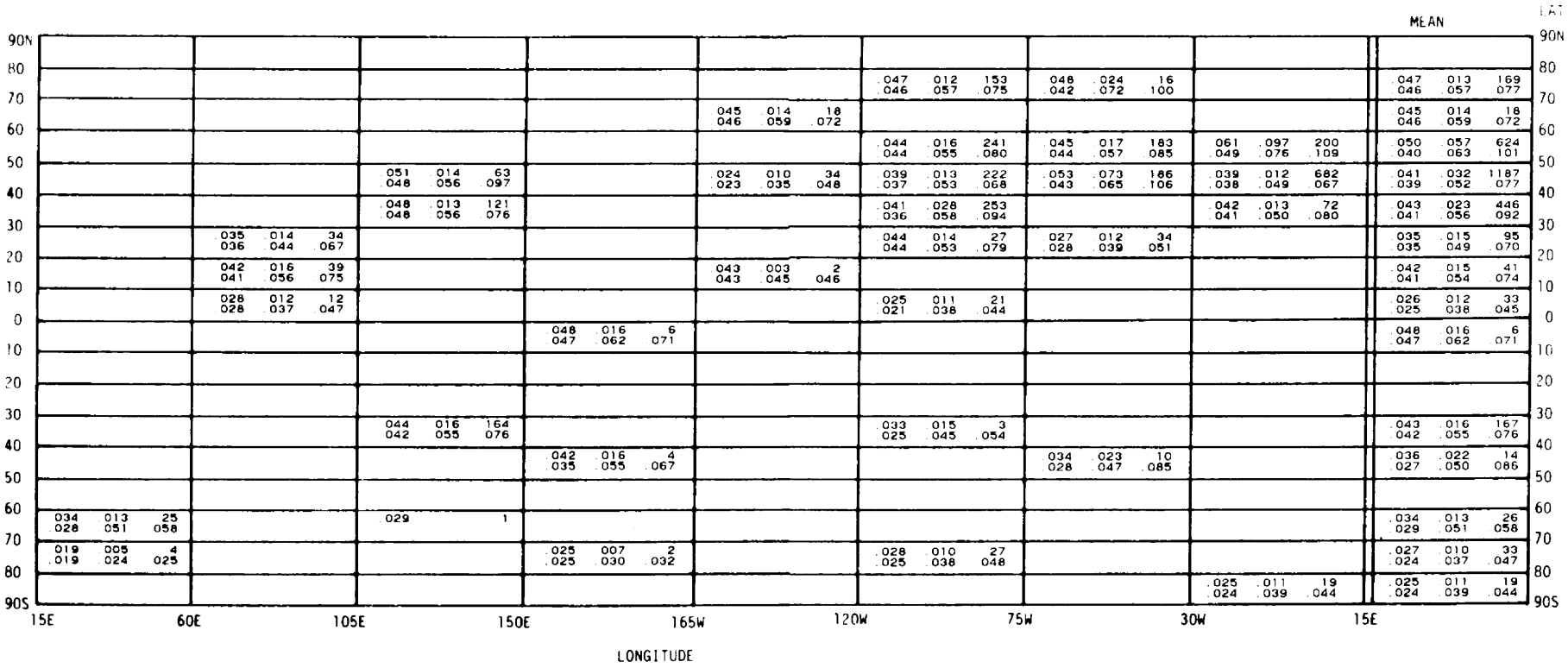
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
90N											90N
80						043 010 153 042 051 067	039 014 16 037 053 060			042 010 169 042 051 066	80
70					042 014 18 041 055 069					042 014 18 041 055 069	70
60						042 015 241 042 052 069	041 014 184 040 051 074	058 097 198 046 071 095		047 057 623 042 059 090	60
50			046 011 63 045 053 079		024 008 34 023 032 037	037 013 223 035 050 064	050 073 186 043 059 097	038 011 682 038 048 061		039 031 1188 035 049 069	50
40			046 012 121 046 057 076			038 020 253 036 054 084		040 012 72 039 048 069		041 018 446 040 054 080	40
30		035 014 34 035 046 067				044 014 27 043 058 073	027 010 34 030 037 044			035 014 95 034 047 073	30
20		039 016 39 037 053 073			037 008 2 037 042 044					039 016 41 037 052 073	20
10		027 012 12 027 039 044				024 011 21 024 037 044				025 012 33 024 039 044	10
0				042 011 5 043 051 054						042 011 5 043 051 054	0
10											10
20											20
30			041 013 164 040 051 073			030 012 3 024 040 046				041 013 167 040 051 073	30
40				042 012 4 036 050 061			029 020 10 023 039 073			033 019 14 032 042 075	40
50											50
60	031 012 25 026 049 053		029 1							030 011 26 027 049 053	60
70	017 003 4 017 020 022			019 009 2 019 025 028		026 011 27 023 036 049				024 011 33 022 035 048	70
80								023 010 19 019 036 038		023 010 19 019 036 038	80
90S											90S
	15E	60E	105E	150E	165W	120W	75W	30W	15E		

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50	84	98

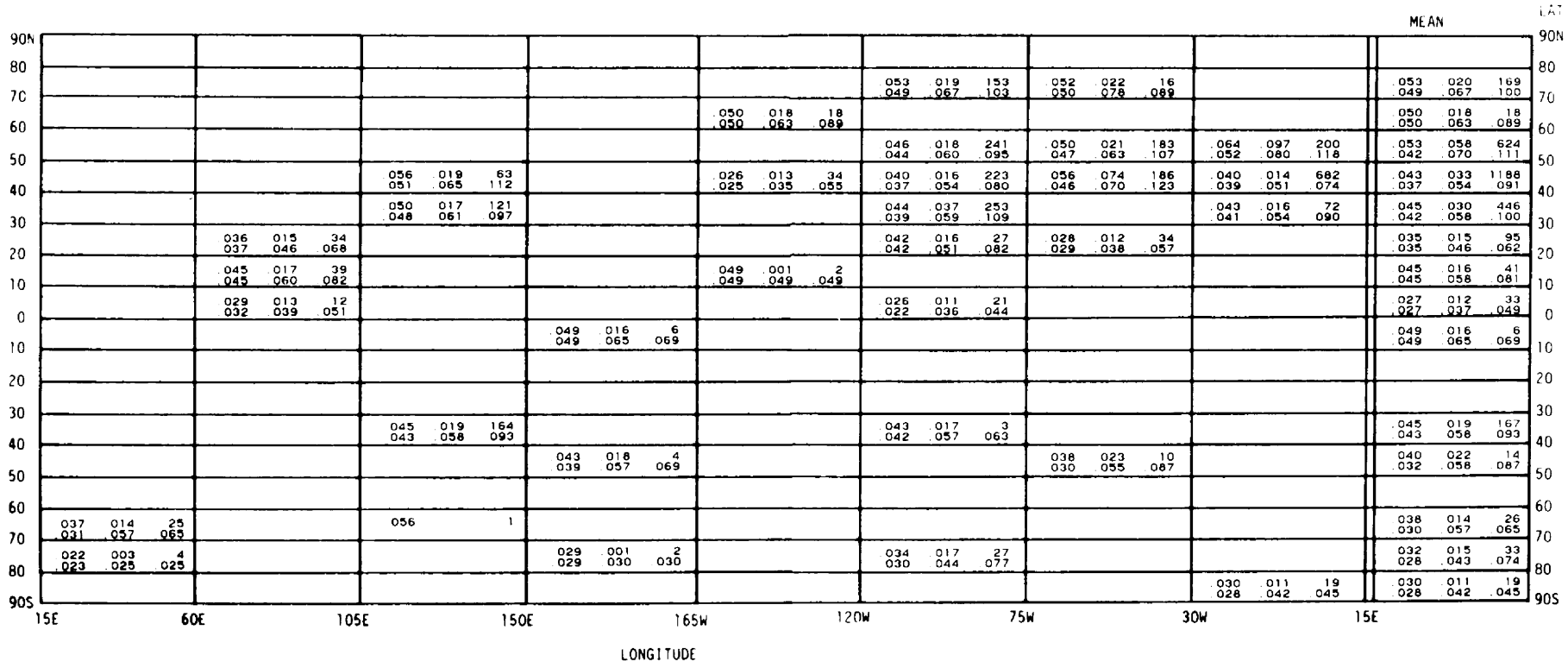
WINTER
210



CODE:

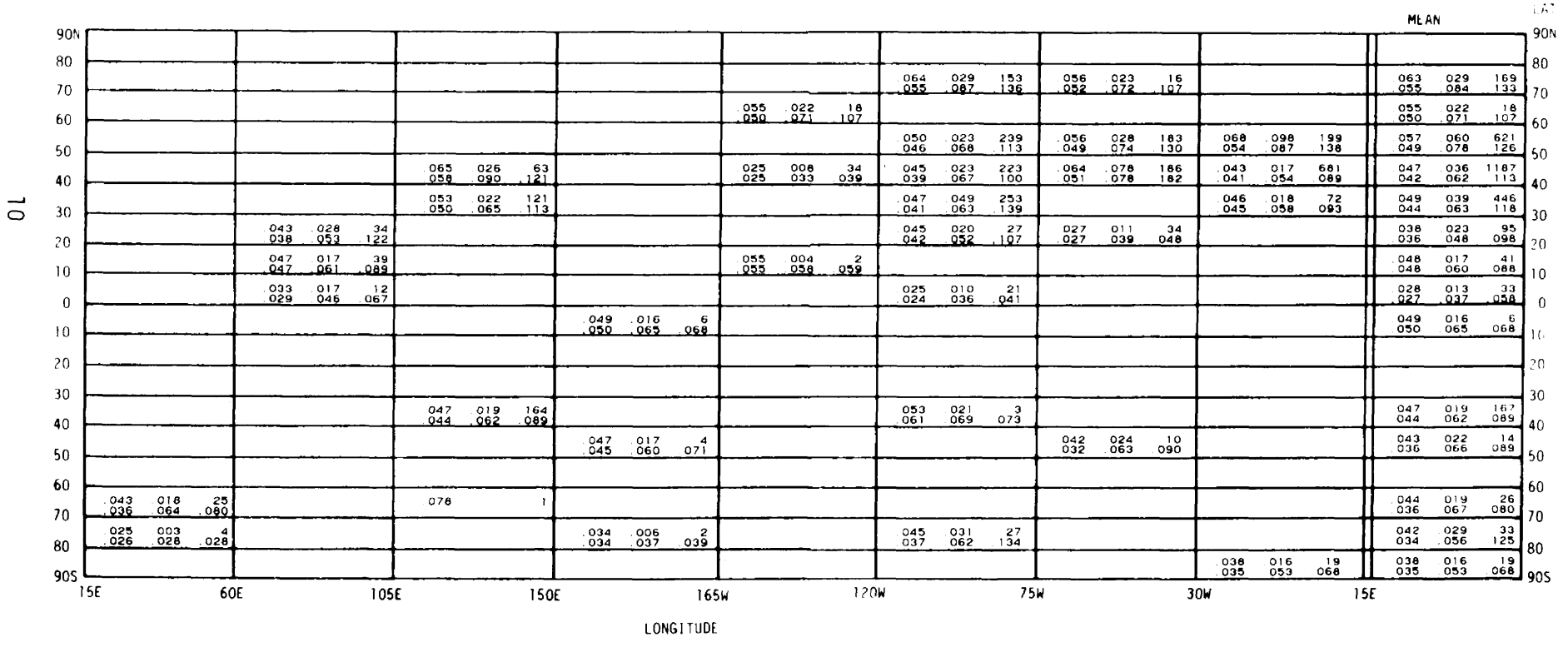
MEAN	ST. DEV.	N
50°	84°	98°

WINTER
FL 230



CODE:	MEAN	ST. DEV.	N
	50	84	98

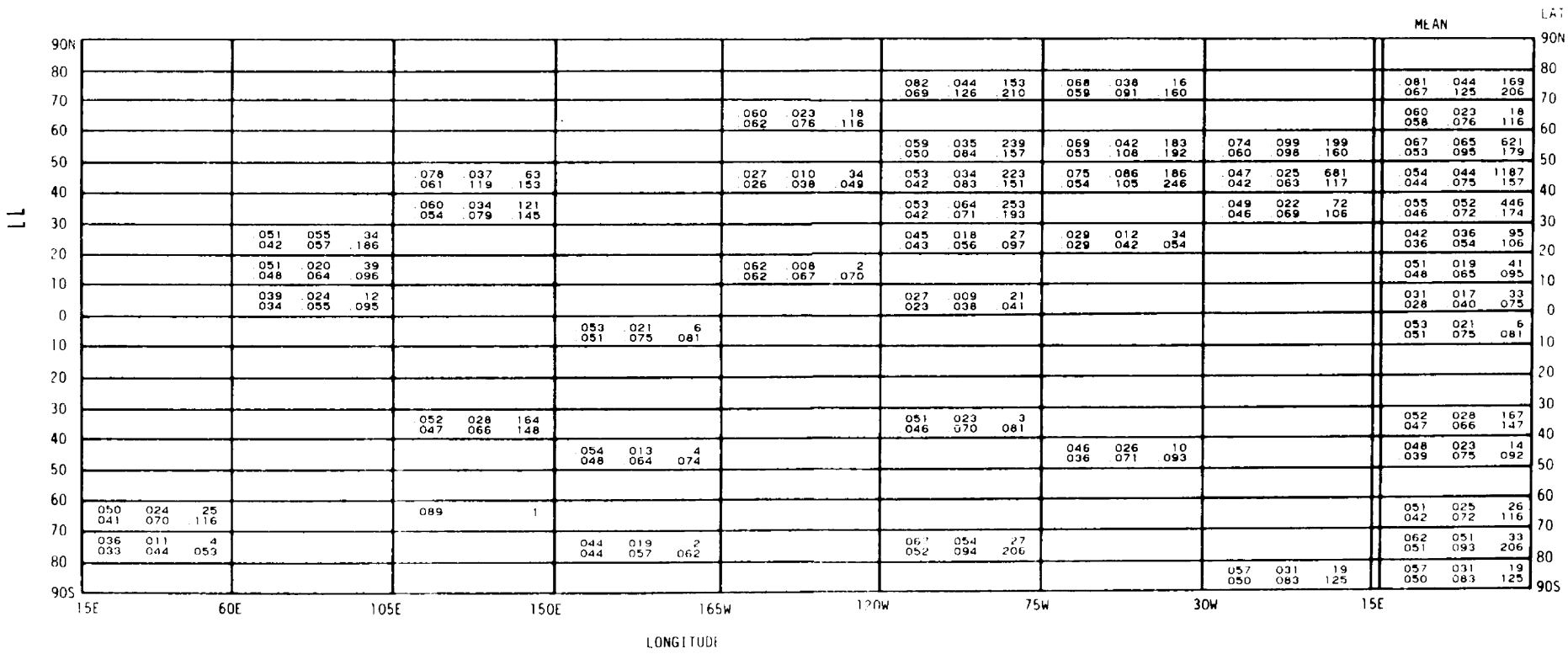
WINTER
FL 250



CODE:

MEAN	ST. DEV.	N
50	84	98

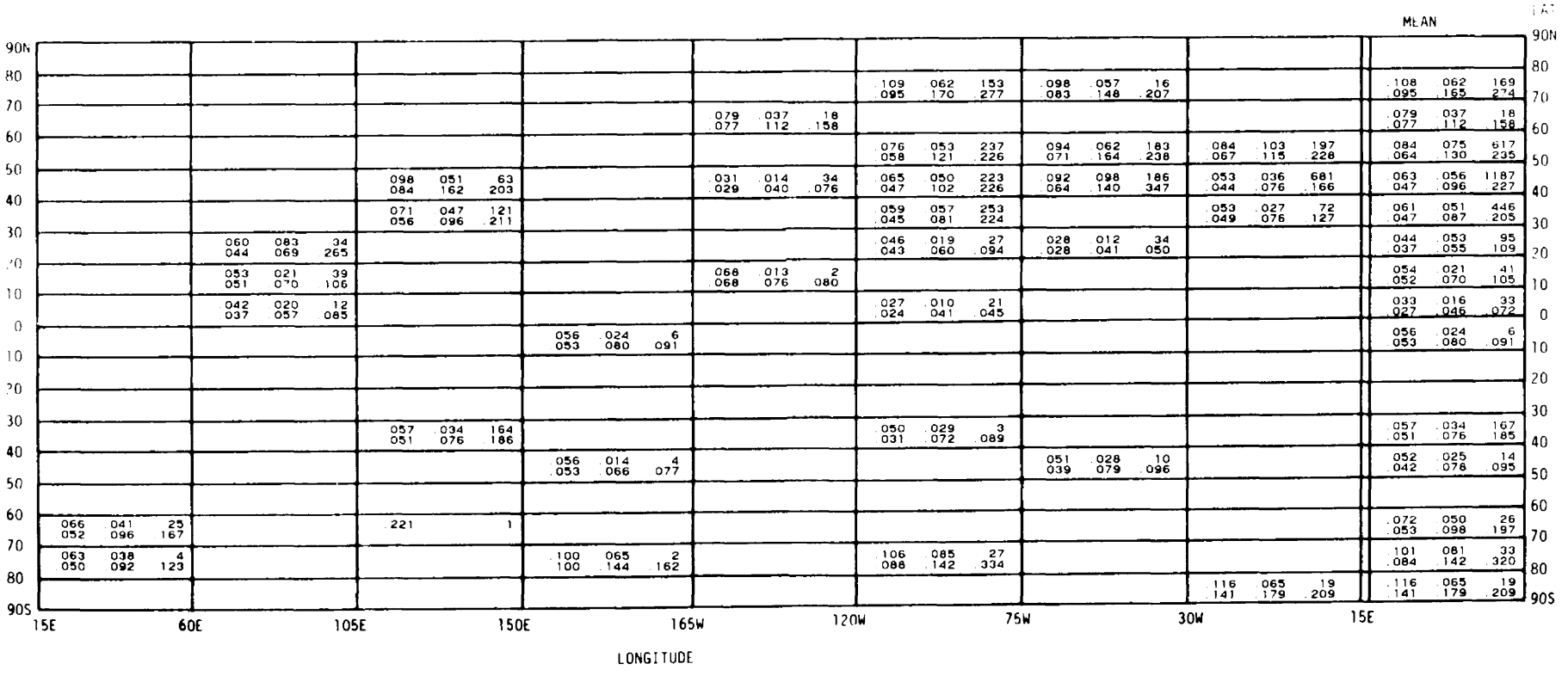
WINTER
FL 270



CODE:

MEAN	ST. DEV.	N
50	84	98

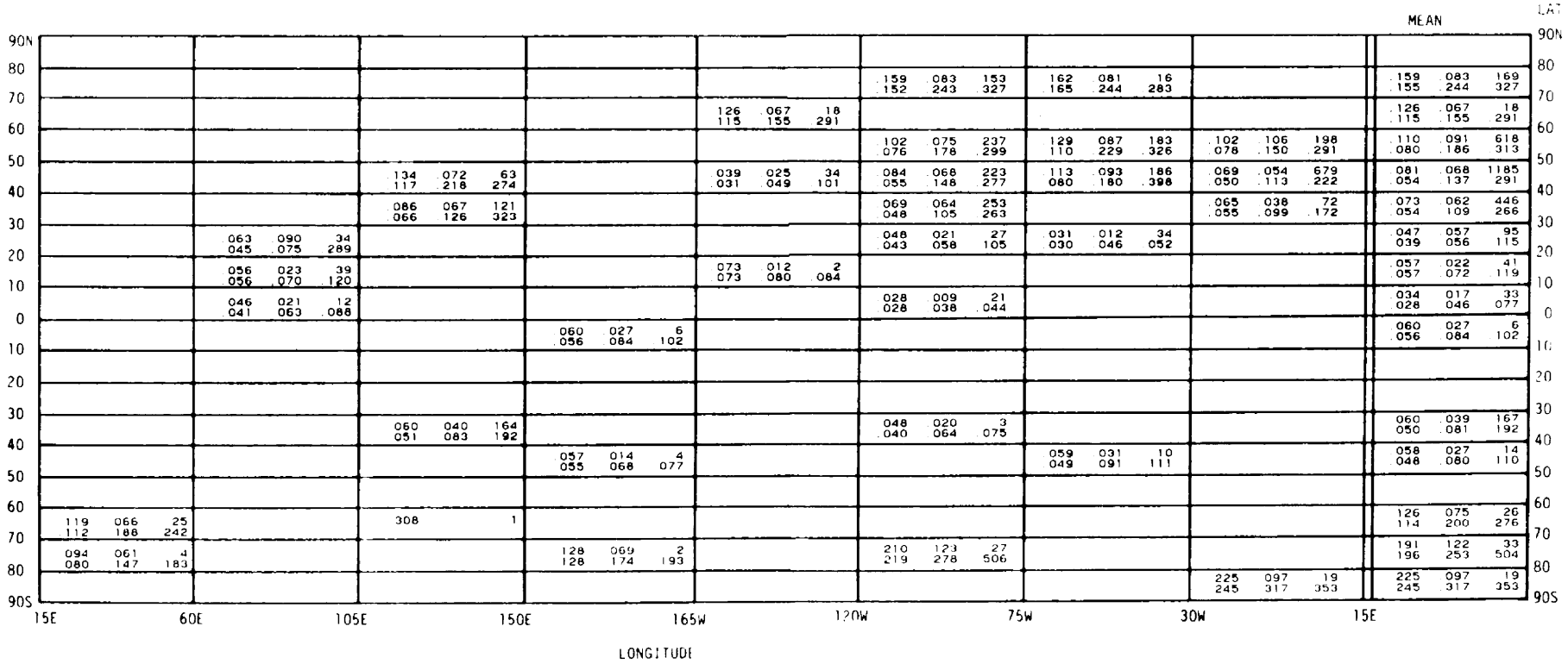
WINTER
FL 290



CODE:

MEAN	ST. DEV.	N
50	84	98

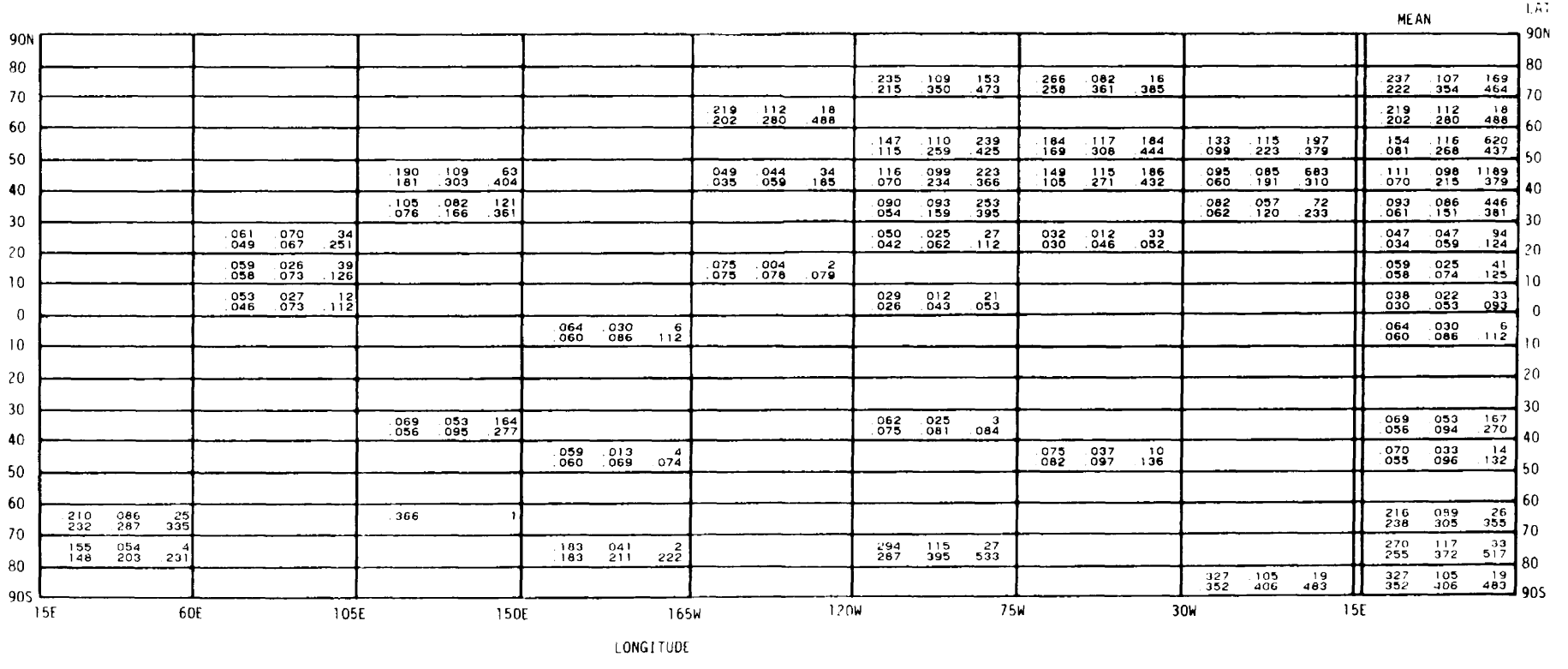
WINTER
FL 310



CODE:

MEAN	ST. DEV.	N
50	84	98

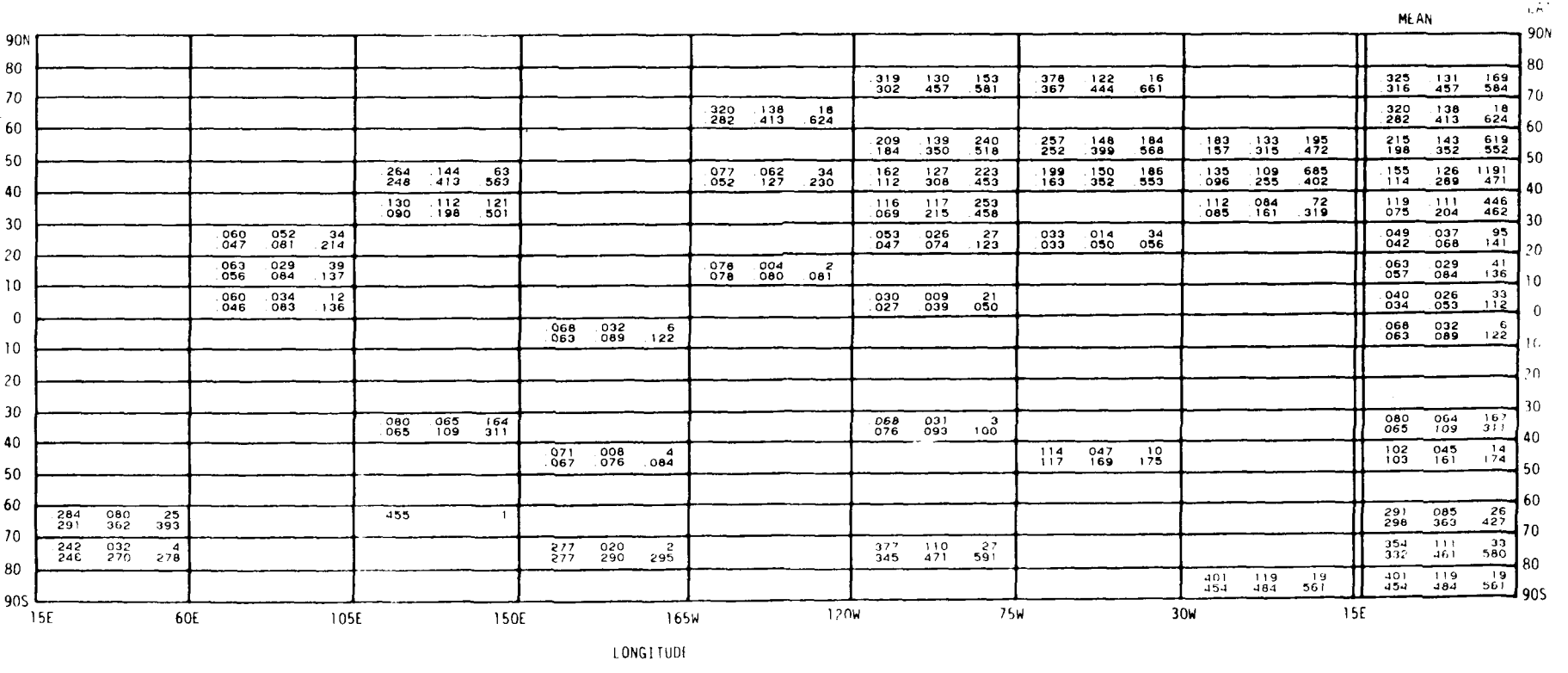
WINTER
FL 330



CODE:

MEAN	ST. DEV.	N
50	84	98

WINTER
FL 350



CODE:

MEAN	ST. DEV.	N
50	84	98

WINTER
FL 370

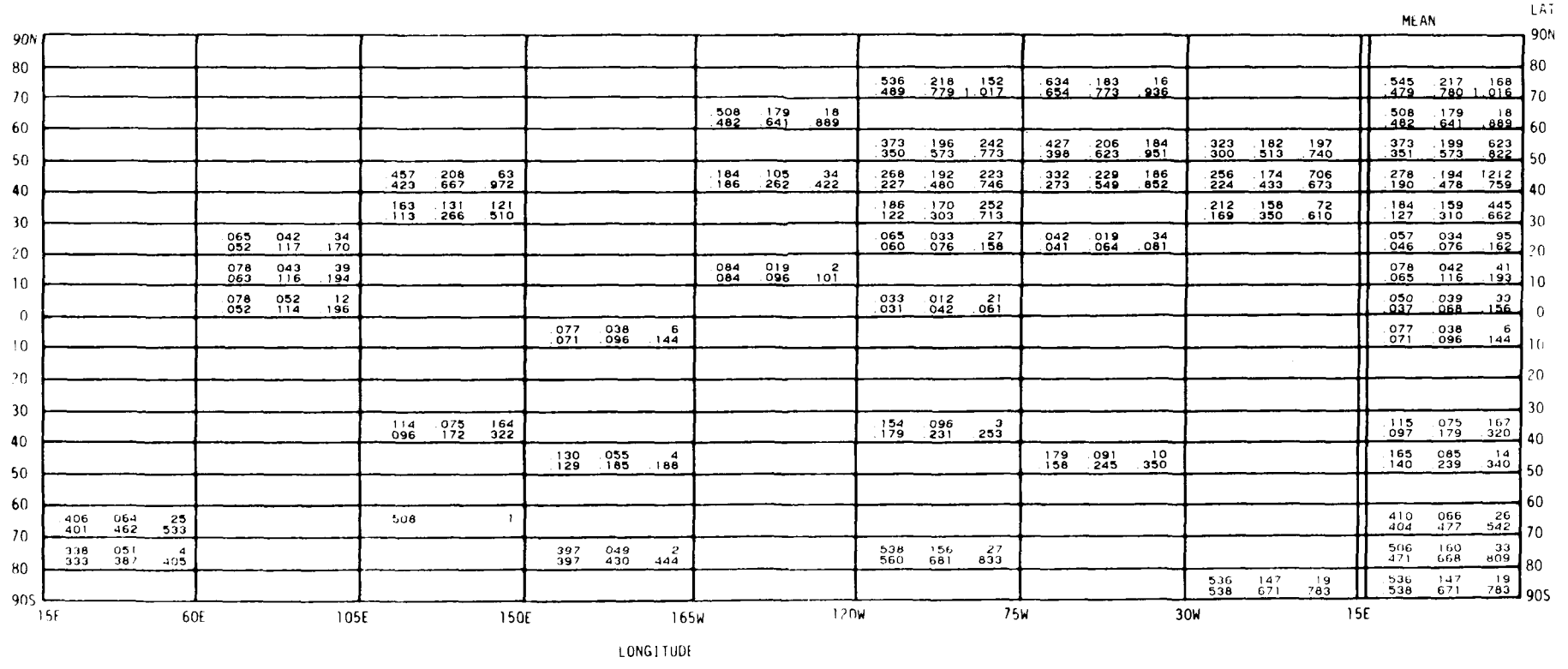
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
90N											90N
80						.421 .169 153 393 610 789	.514 132 16 509 636 786			430 168 169 411 614 791	80
70					421 143 18 405 548 719					421 143 18 405 548 719	70
60						.288 167 242 272 466 645	.340 170 184 327 502 695	.253 155 195 231 403 565		292 168 621 281 465 665	60
50			.358 171 63 348 543 765		119 088 34 091 191 353	.217 161 223 173 396 592	.259 185 186 216 424 766	.192 141 688 164 332 548		213 159 1194 132 360 602	50
40			.149 126 121 110 230 567			.148 138 253 092 270 547		.166 123 72 126 254 473		151 133 446 099 259 553	40
30		.063 040 34 048 102 176				.058 030 27 049 079 141	.040 016 34 040 054 071			053 032 95 045 073 145	30
20		.071 036 39 060 106 160			080 011 2 080 087 091					072 036 41 062 105 160	20
10		070 048 12 048 095 186				.032 011 21 029 038 060				046 036 33 036 069 143	10
0				.072 035 6 067 091 133						072 035 6 067 091 133	0
10											10
20											20
30			.097 071 164 078 146 374			.092 048 3 118 128 132				097 071 167 078 141 373	30
40				.098 028 4 098 126 126			.153 076 10 135 247 281			137 071 14 115 202 281	40
50											50
60	.357 062 25 362 412 463		.424 1							359 062 26 366 418 462	60
70	.287 033 4 281 317 335			.330 007 2 330 334 336		.467 129 27 494 599 718				437 134 33 430 540 712	70
80								.480 131 19 500 589 645		480 131 19 500 589 645	80
90S											90S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50°	84°	98°

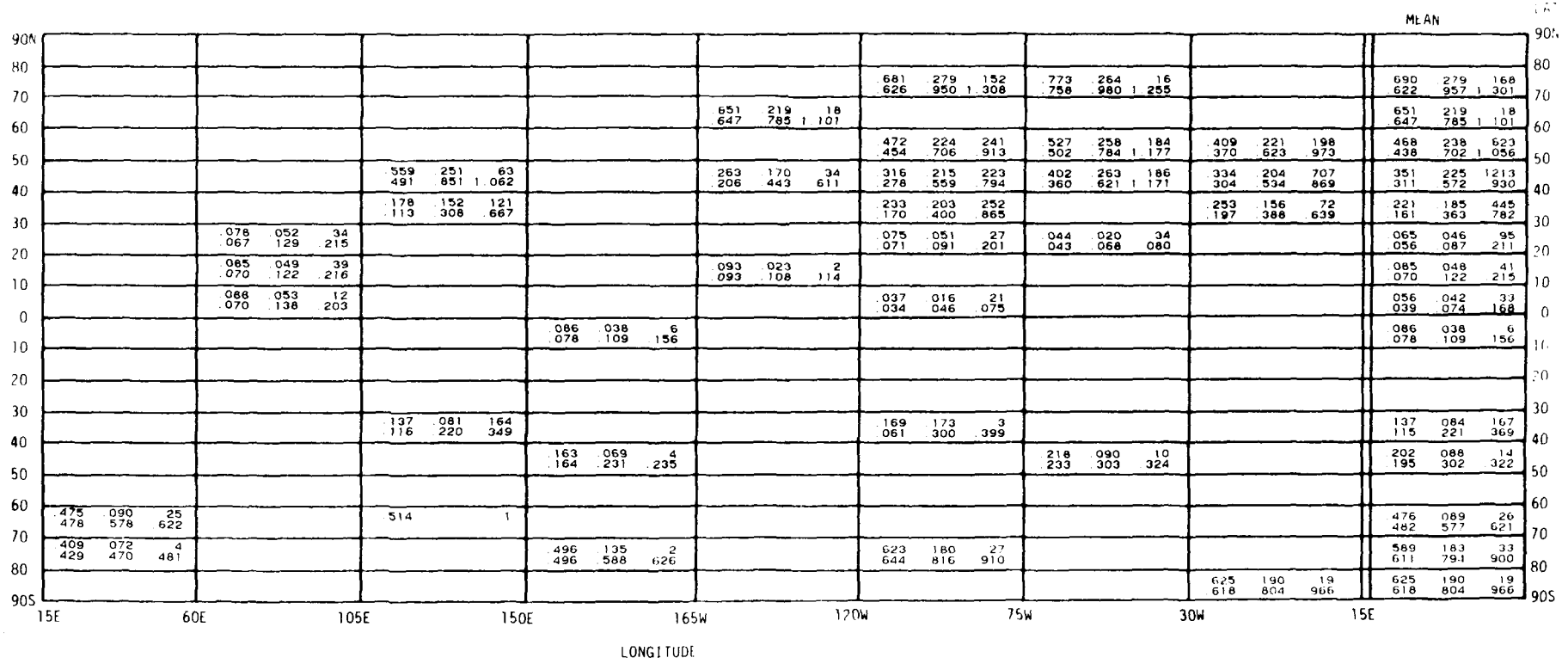
WINTER
FL 390



CODE:

MEAN	ST. DEV.	N
50	84	98

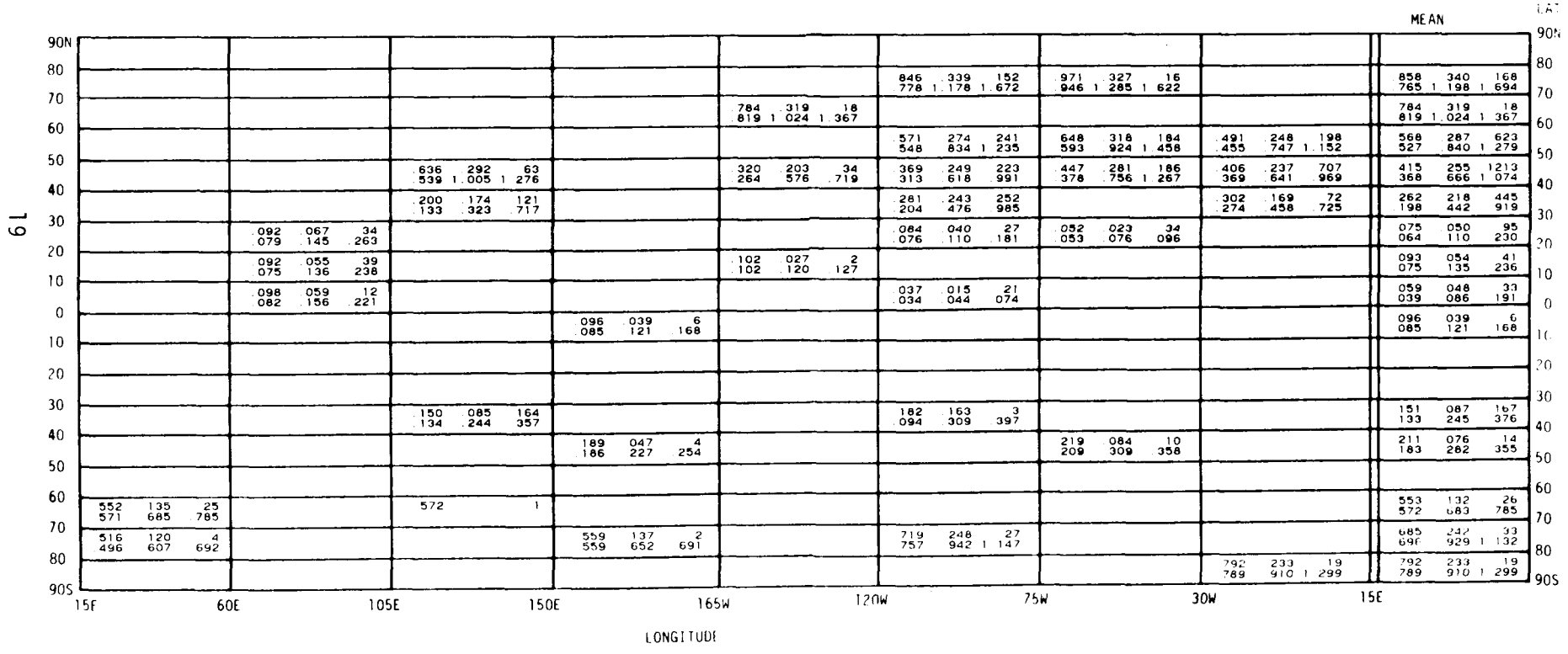
WINTER
FL 410



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

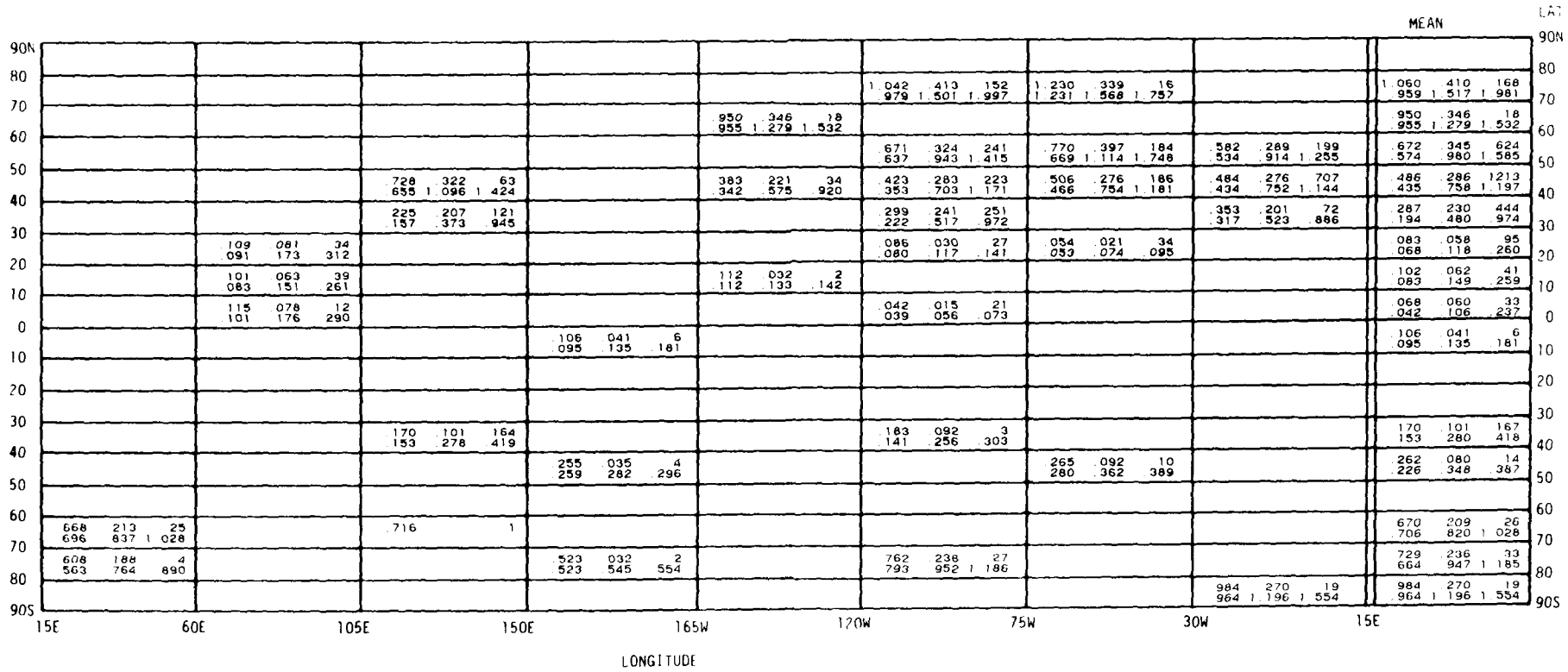
WINTER
FL 430



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

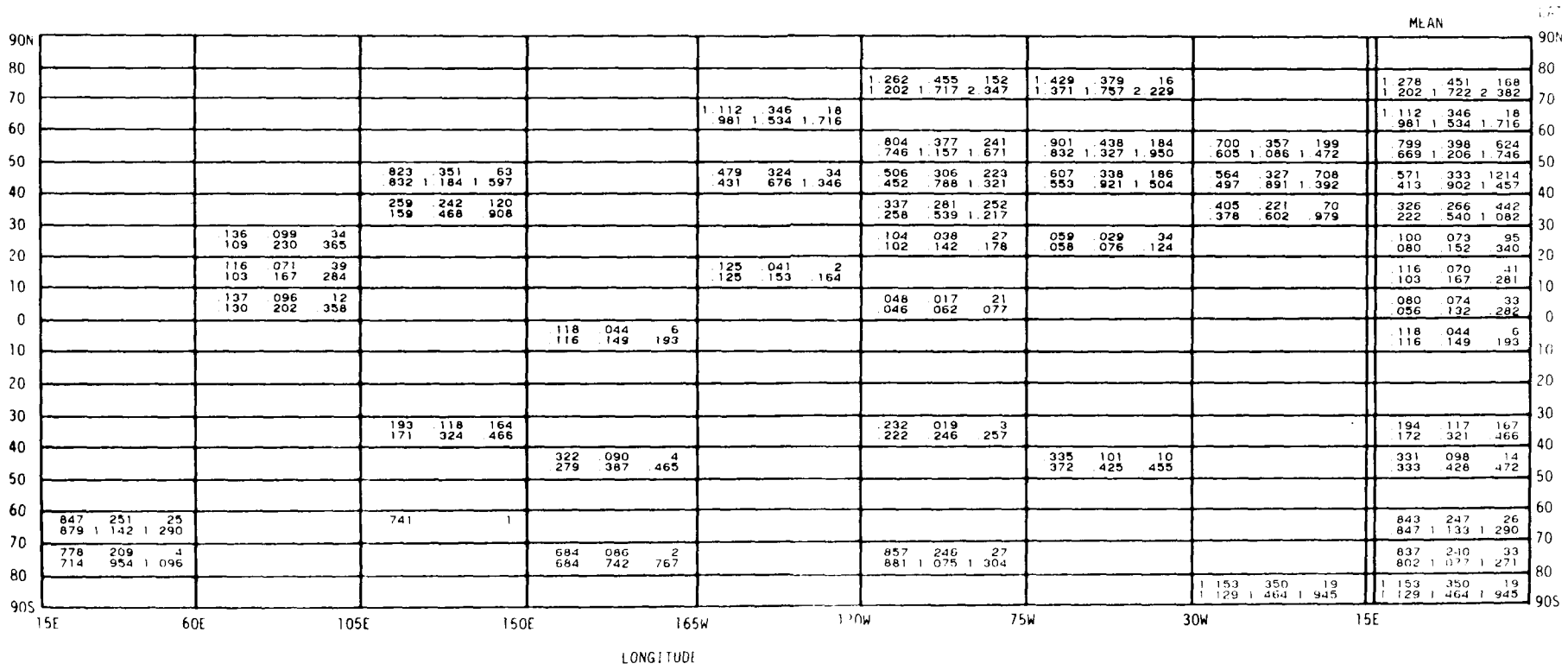
WINTER
FL 450



CODE:

MEAN	ST. DEV.	N
50	84	98

WINTER
FL 470



WINTER
FL 490

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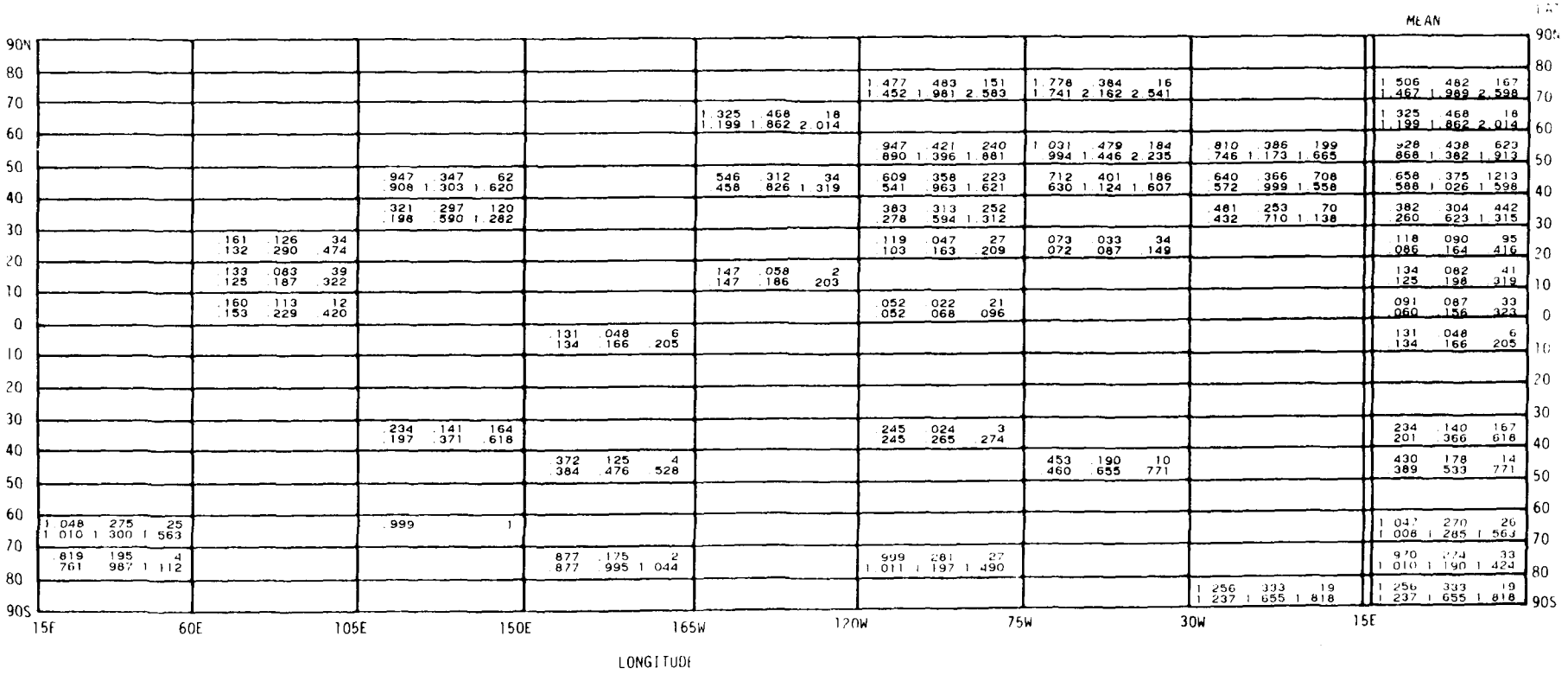
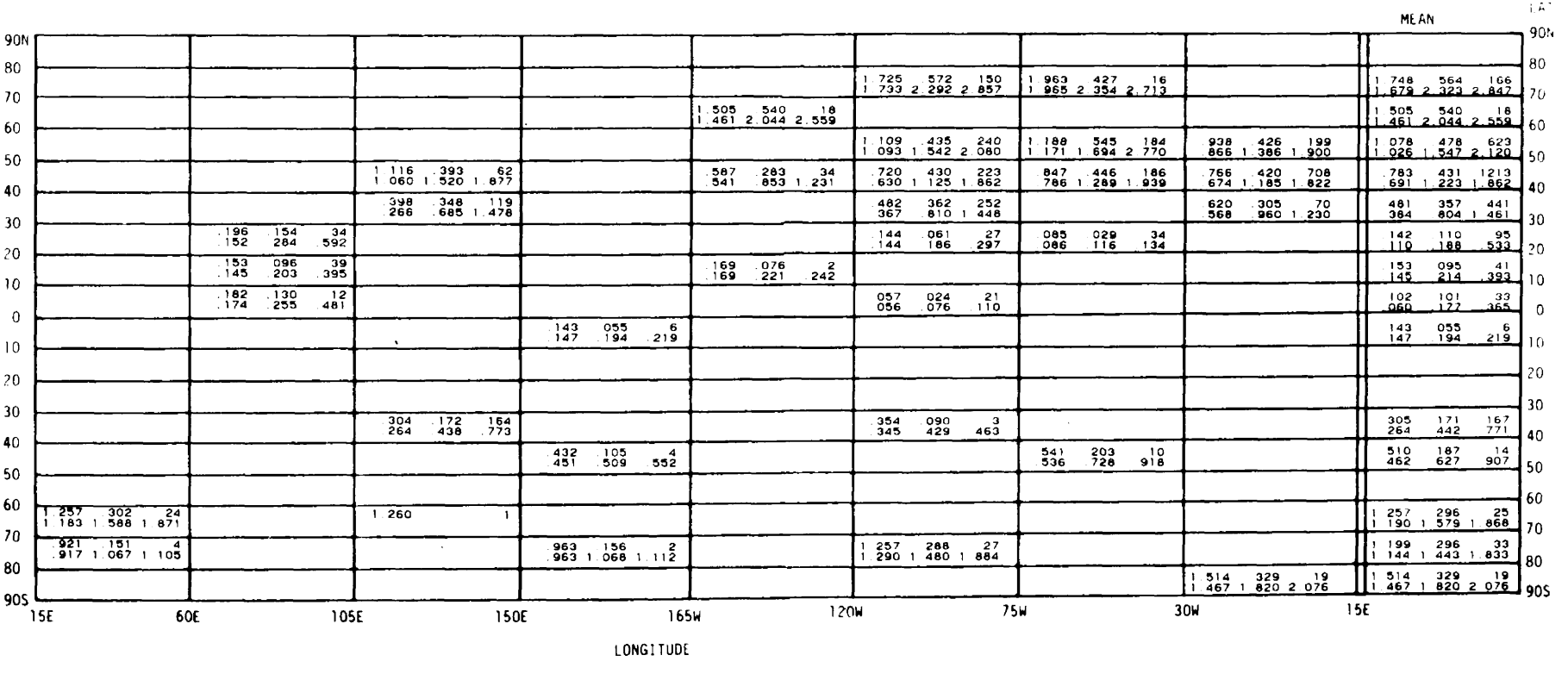
	50	84	98



CODE:

MEAN	ST. DEV.	N
50°	84°	98°

WINTER
FL 510



WINTER
FL 530

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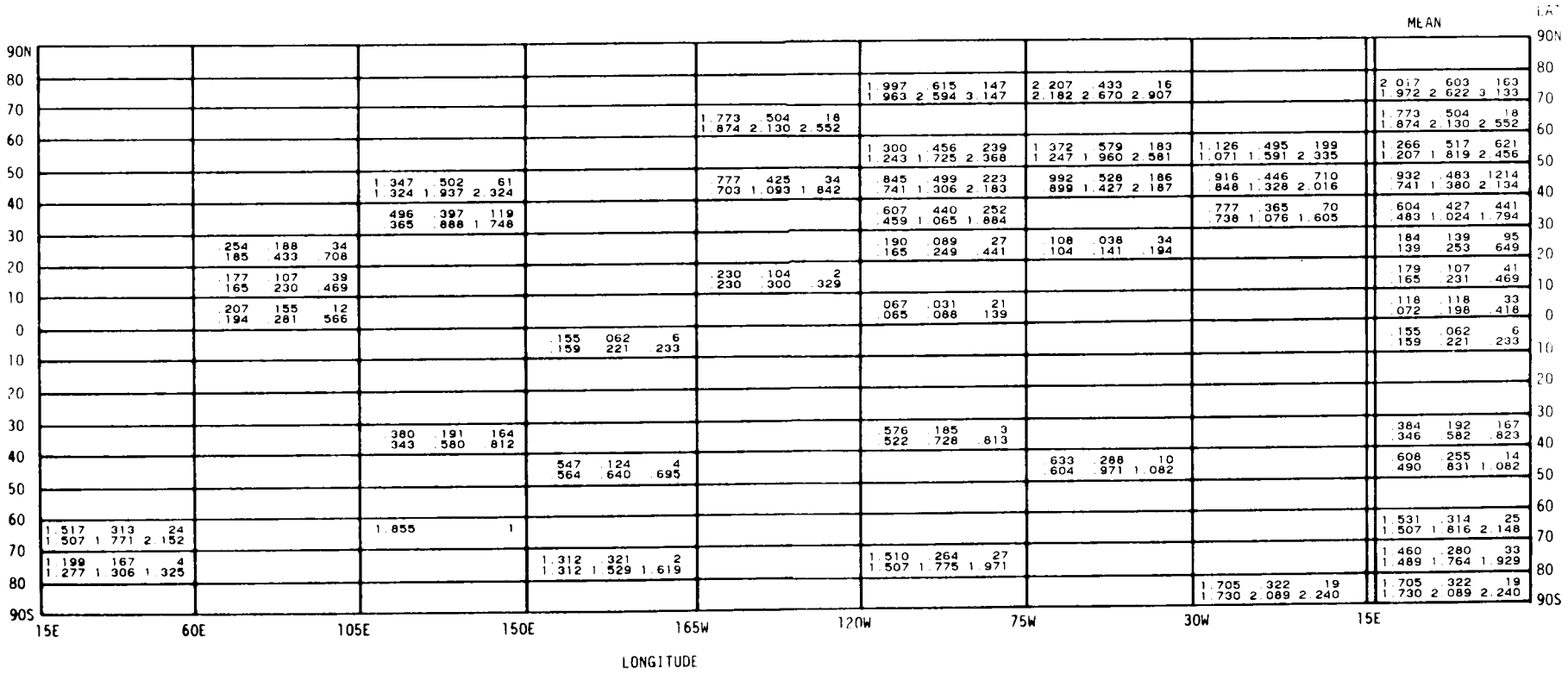
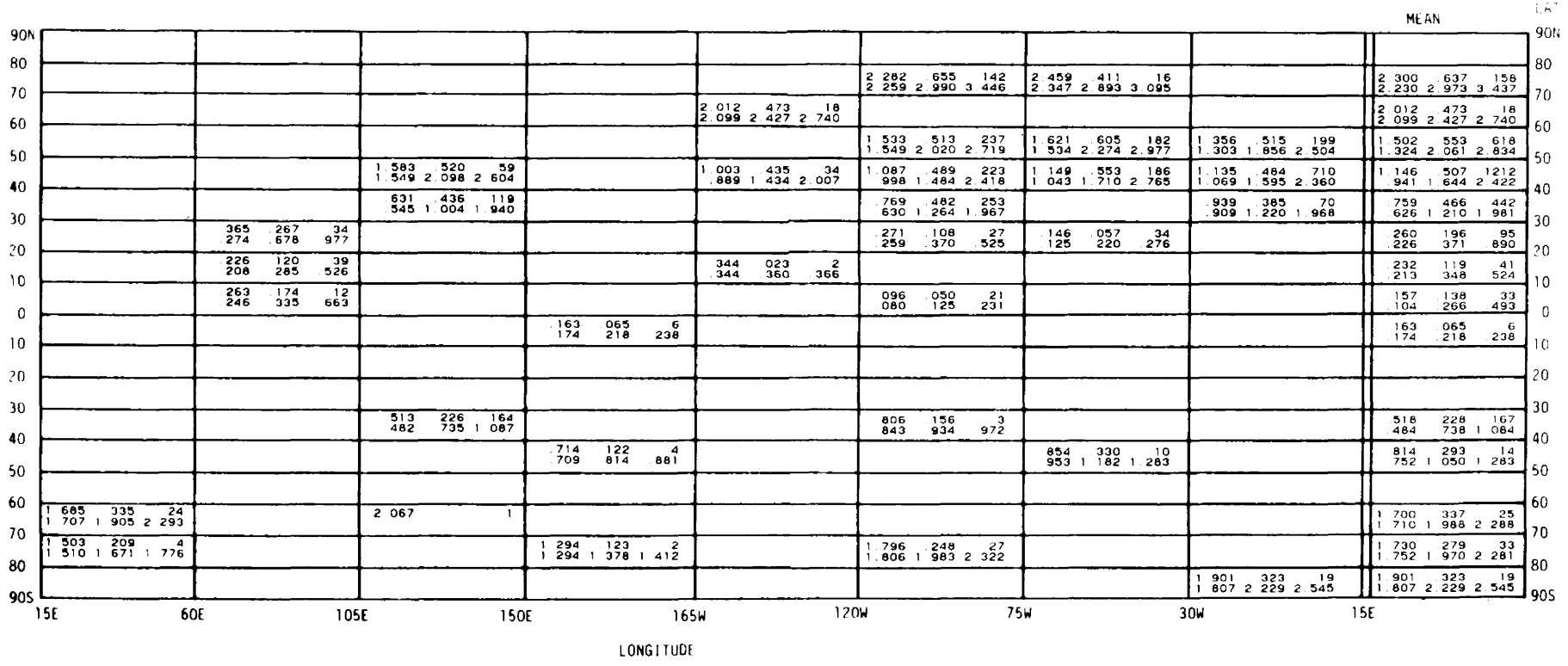


CODE:

MEAN	ST. DEV.	N
50	84	98

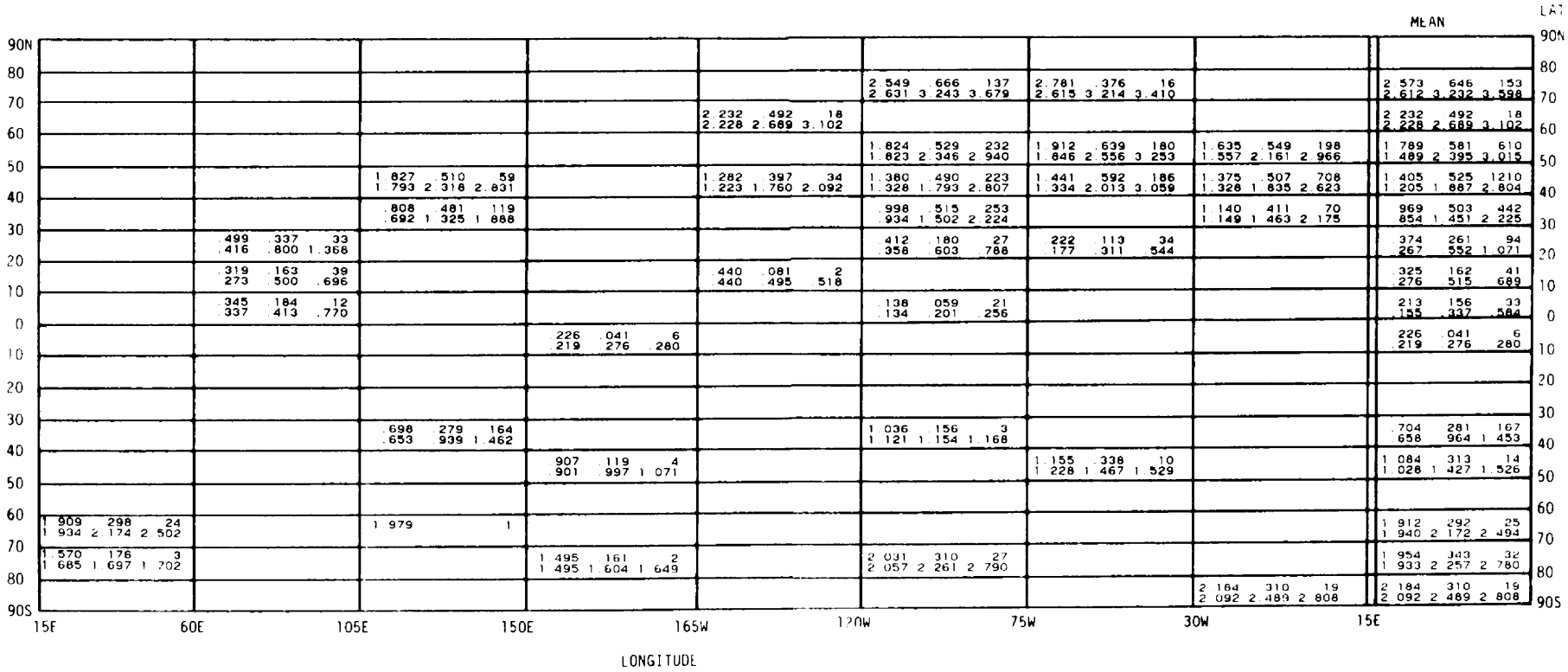
WINTER
FL 550



CODE:

MEAN	ST. DEV.	N
50	84	98

WINTER
FL 570



CODE:

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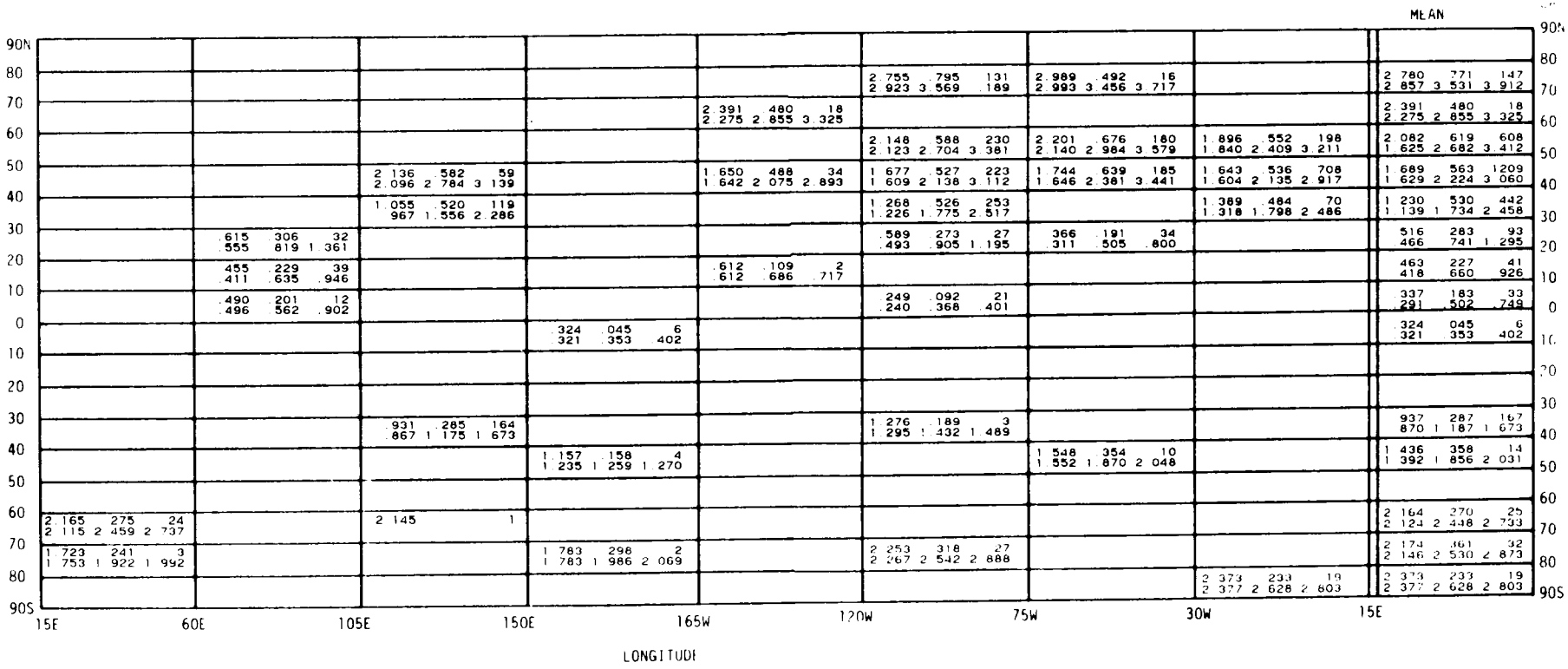
50	84	98

WINTER
FL 590



CODE:

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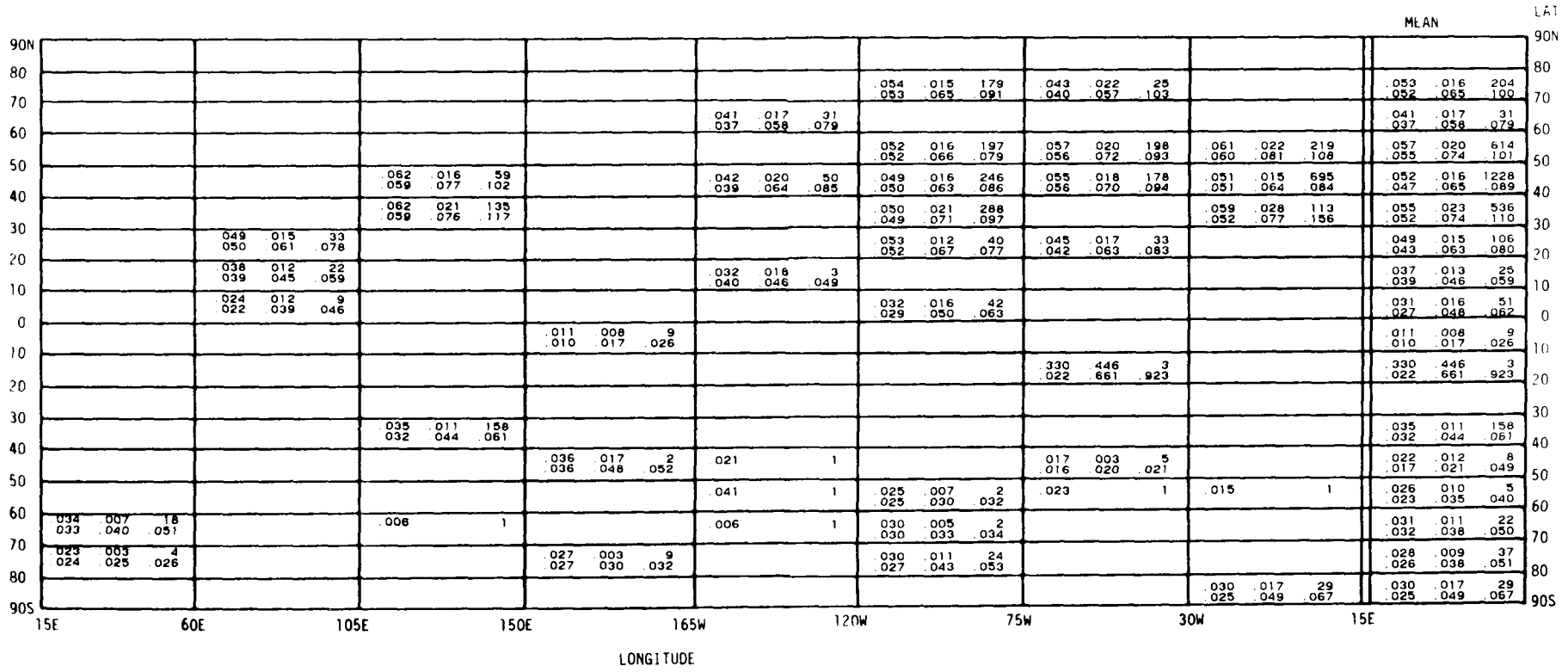
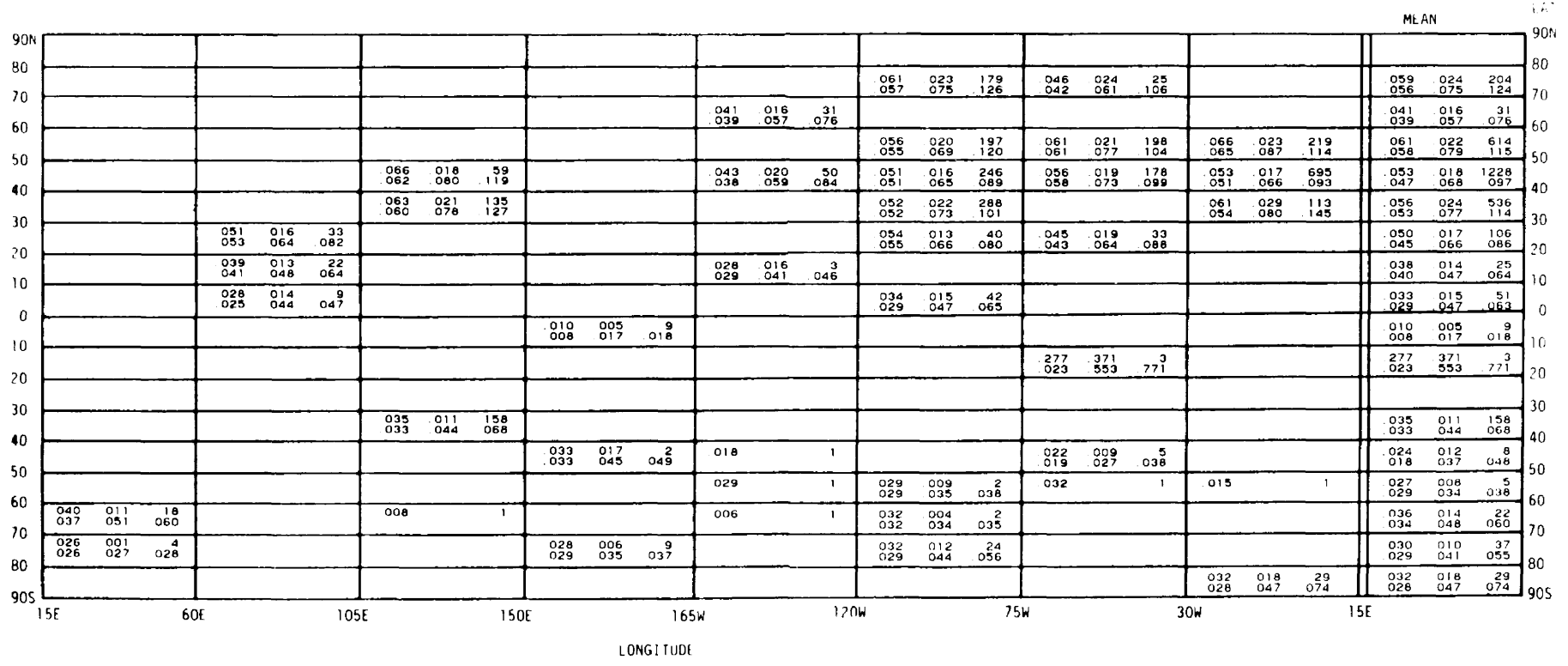
50.	84	98.

SPRING
FL 190



SPRING
FL 210

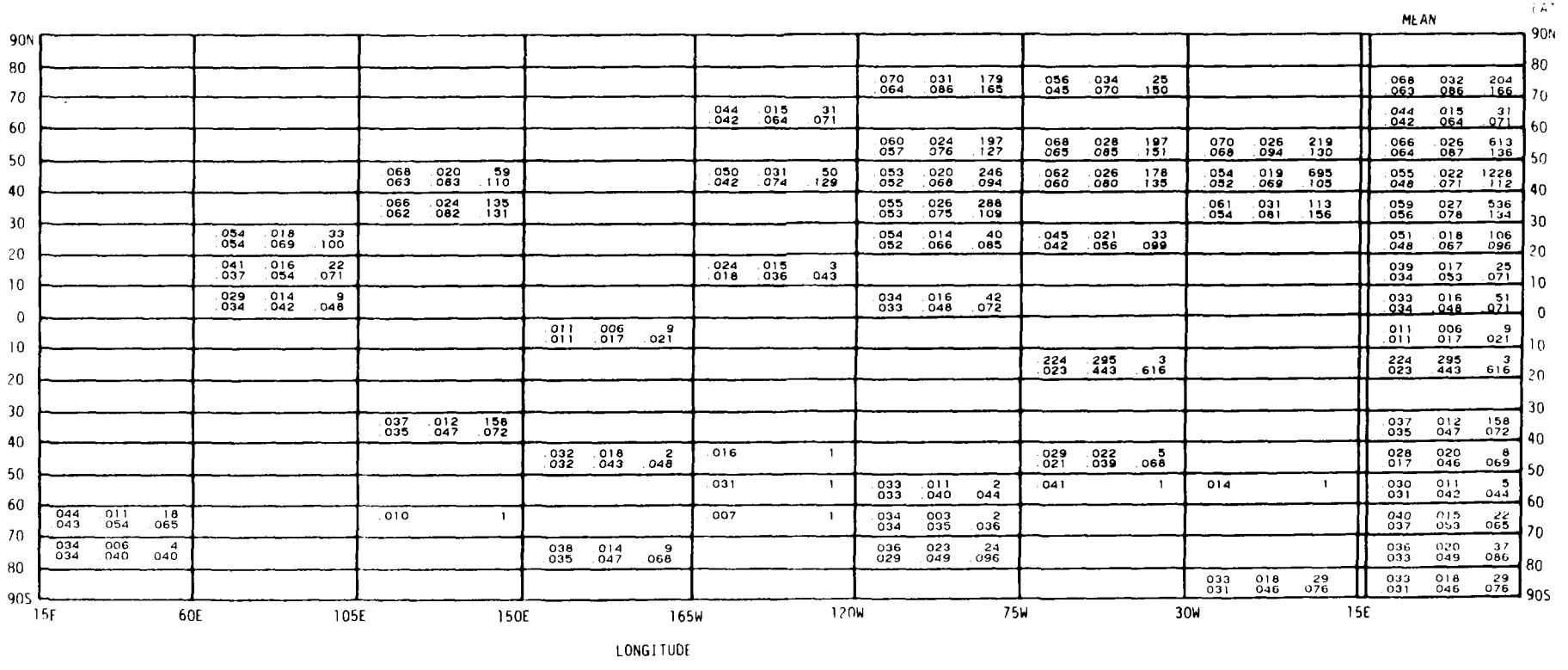
CODE:	MEAN	ST. DEV.	N
	50	84	98



SPRING
FL 230

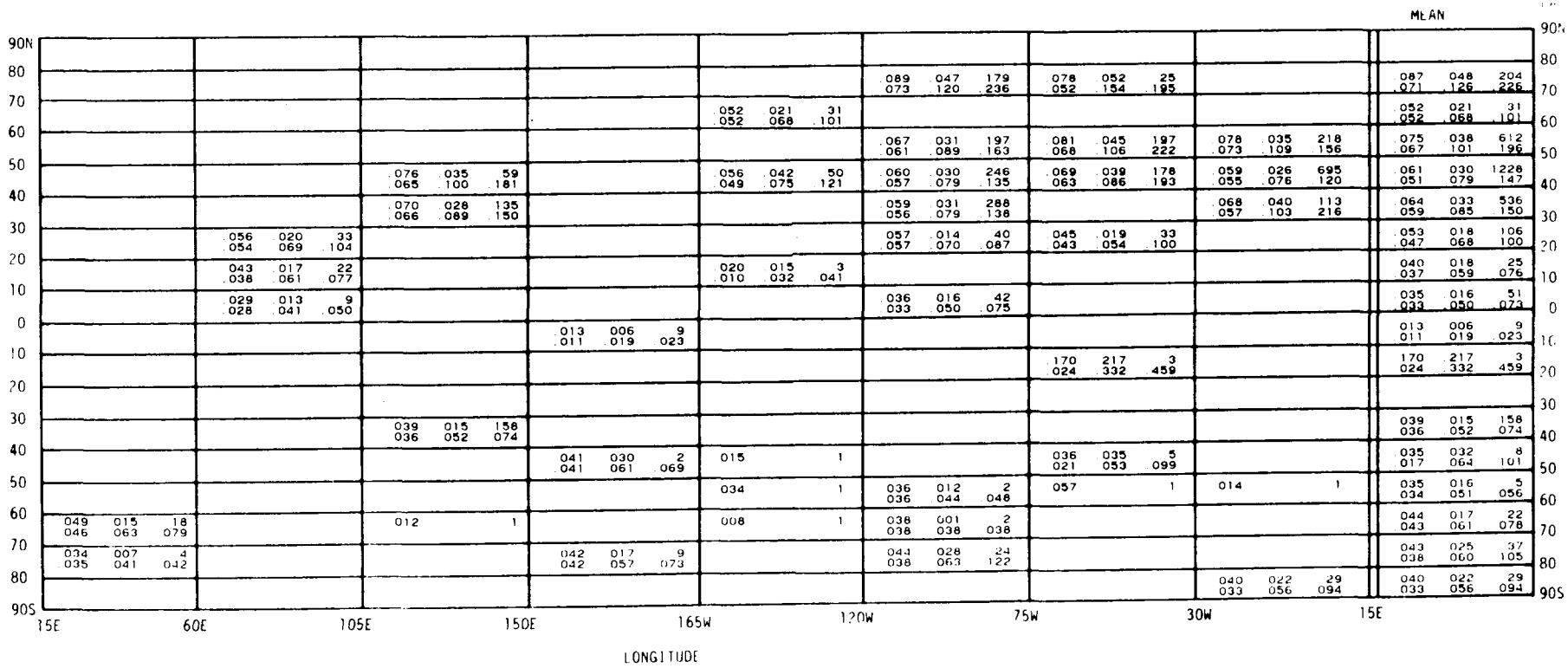
CODE:

MEAN	ST. DEV.	N
50%	84	98%



SPRING
FL 250

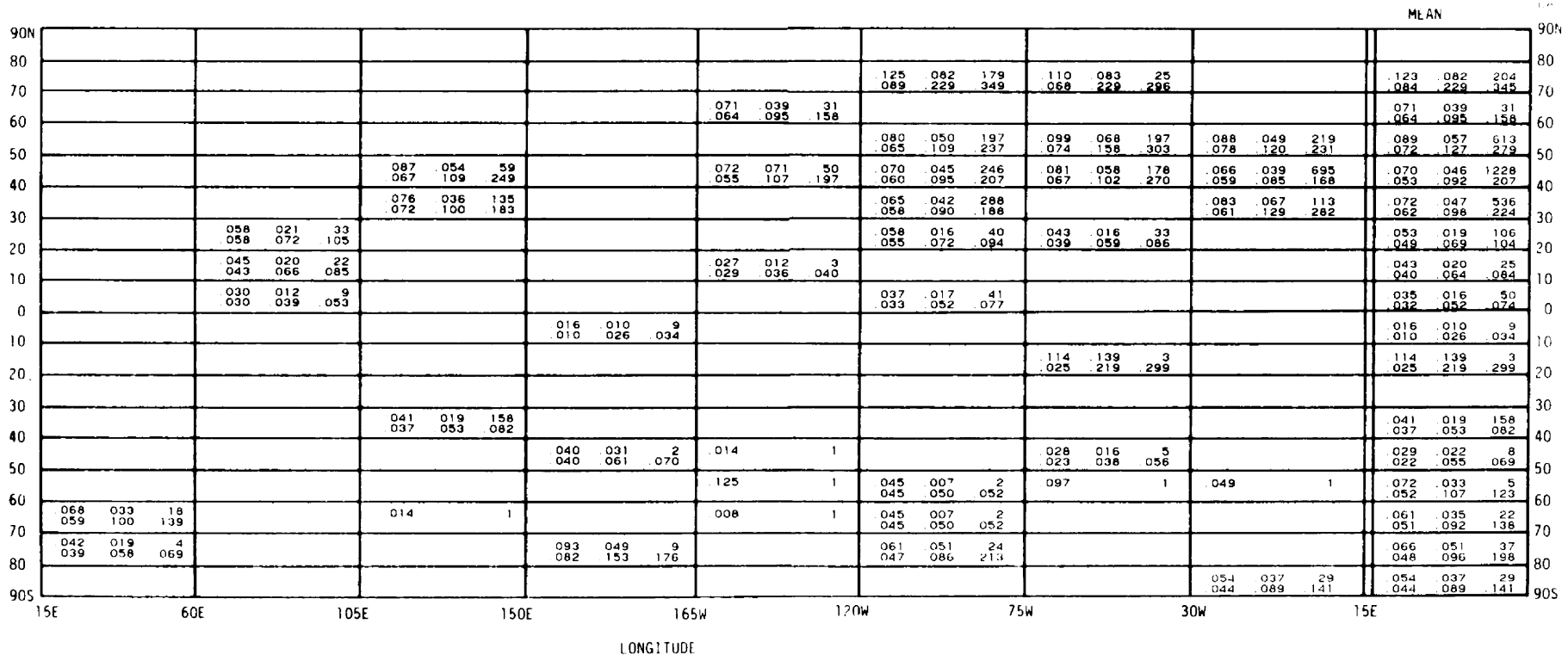
CODE:	MEAN	ST. DEV.	N
	50	84	98%



CODE:

MEAN	ST. DEV.	N
50°	84°	98°

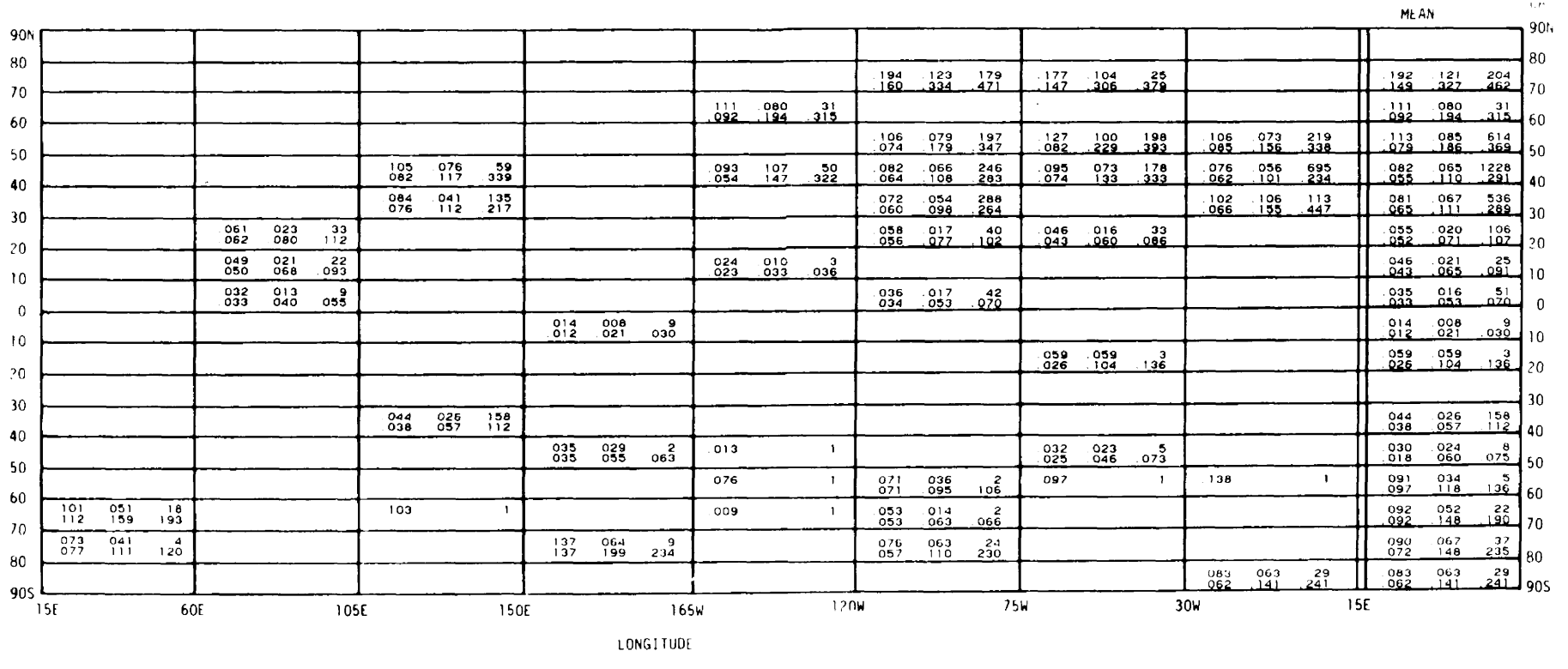
SPRING
FL 270



SPRING
FL 290

CODE:

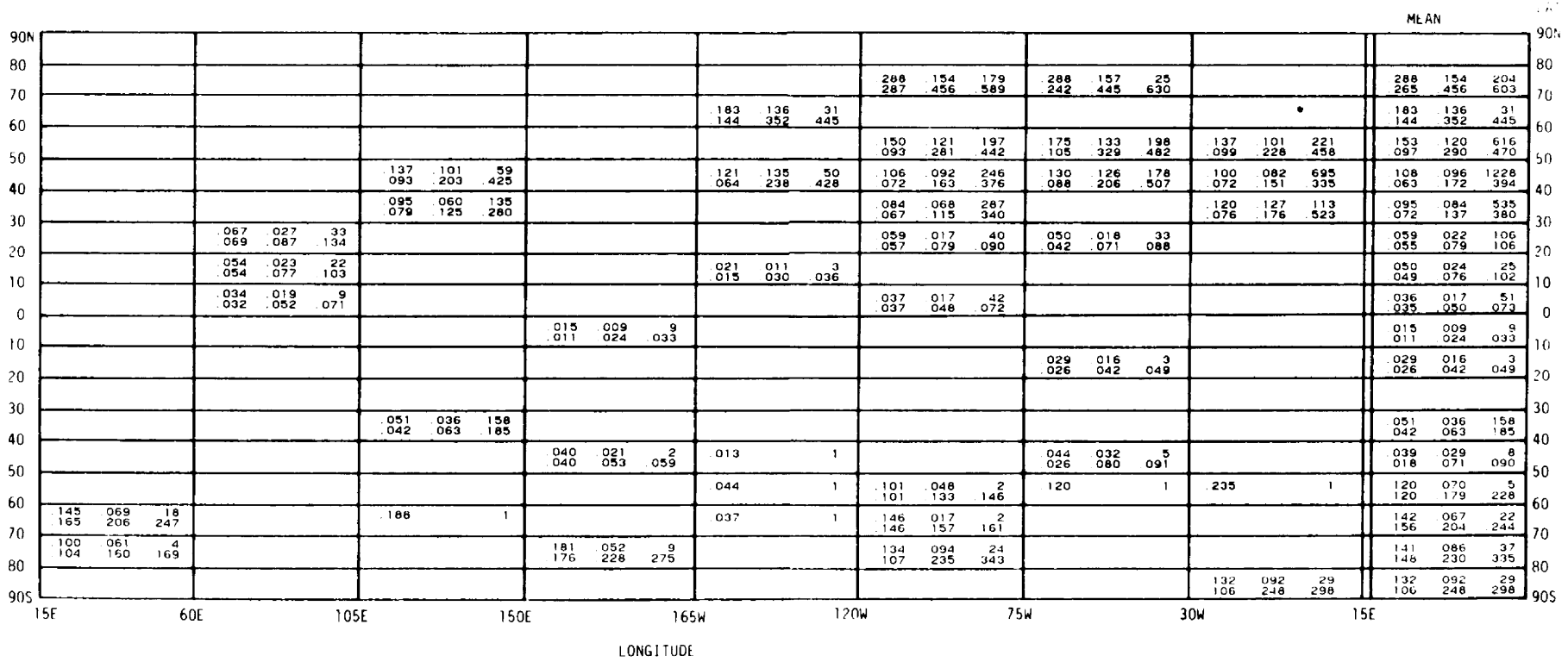
MEAN	ST. DEV.	N
50%	84	98



SPRING
FL 310

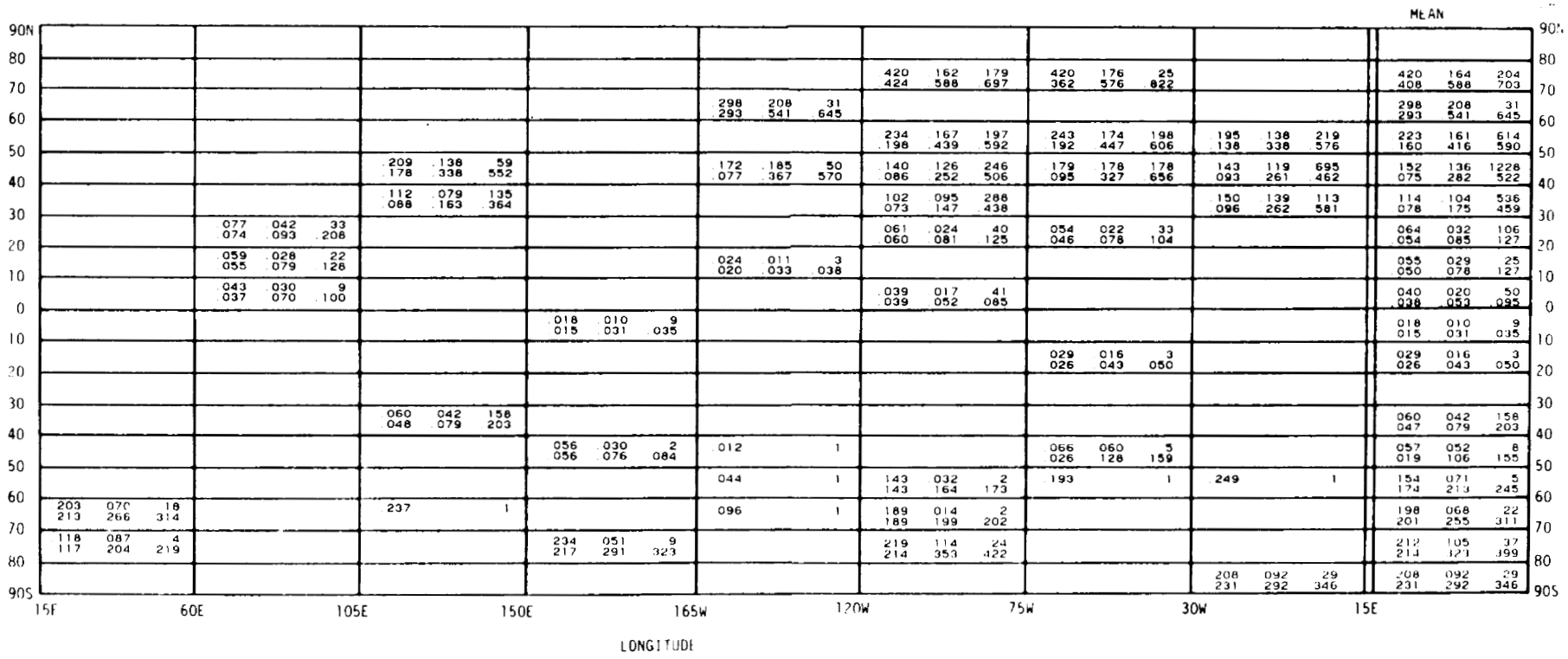
CODE:

MEAN	ST. DEV.	N
50	84	98



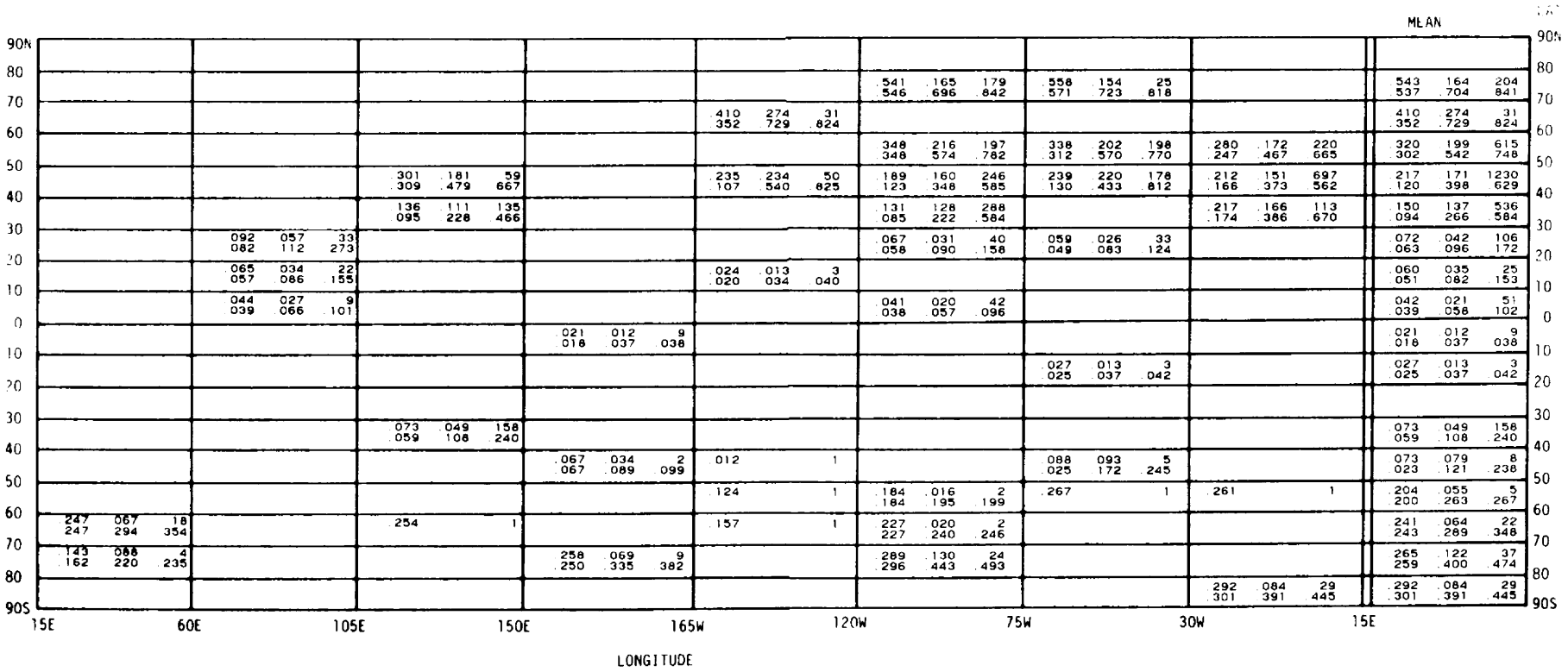
SPRING
FL 330

CODE:	MEAN	ST. DEV.	N
	50	84	98



SPRING
FL 350

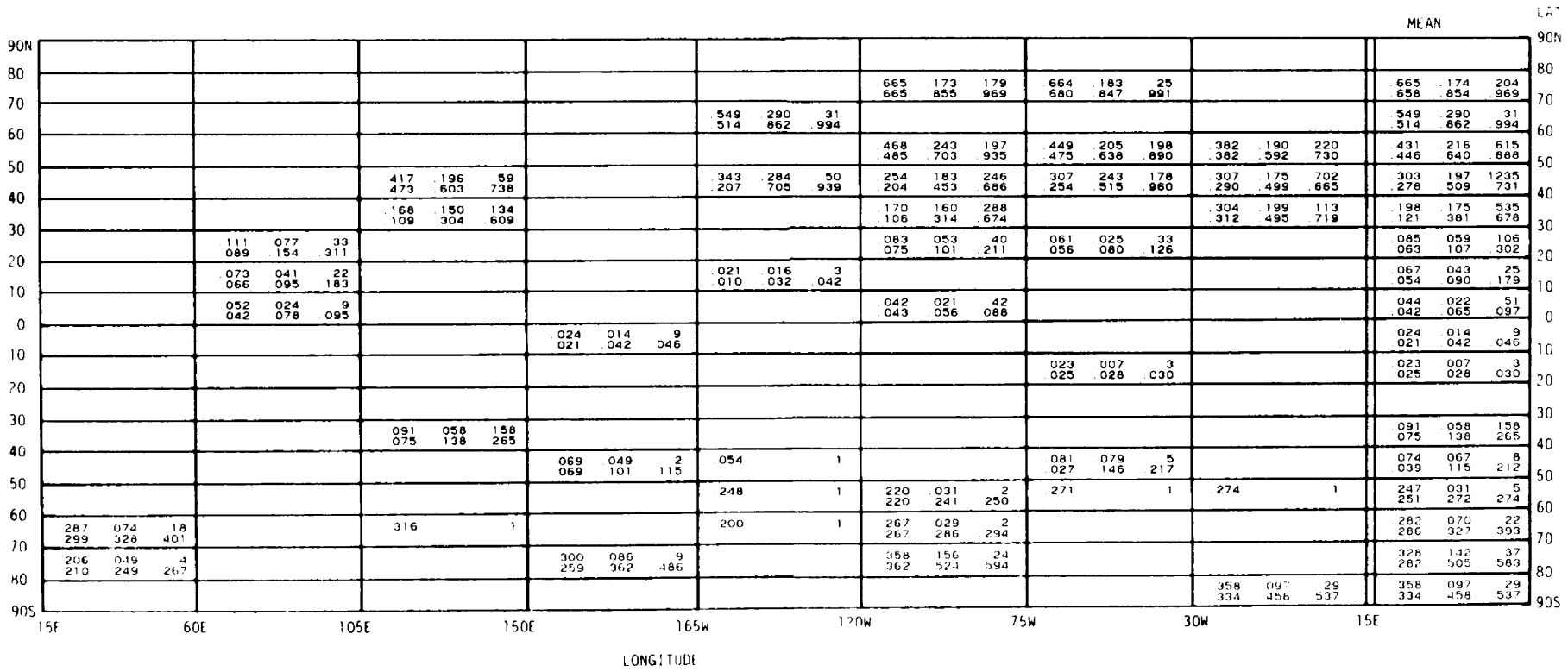
CODE:	MEAN	ST. DEV.	N
	50's	84	98



CODE:

MEAN	ST. DEV.	N
50's	84	98

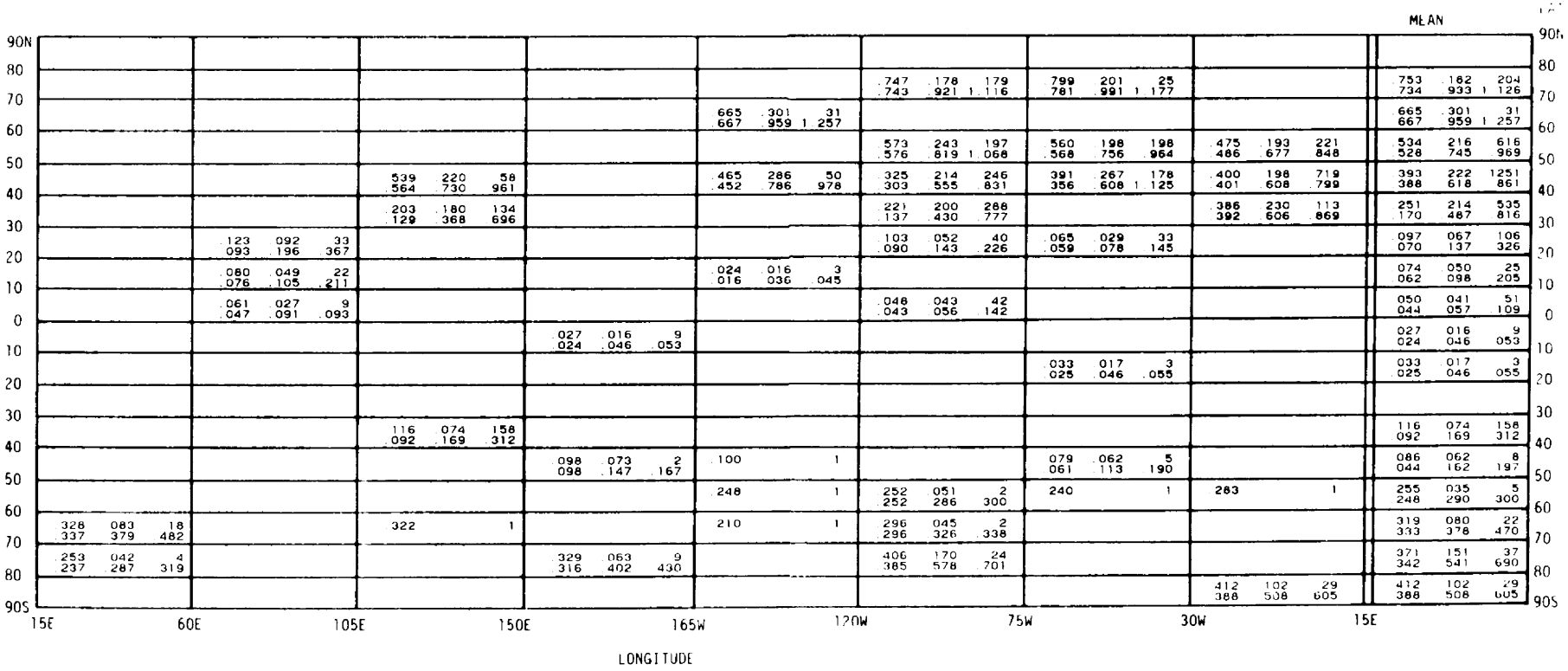
SPRING
FL 370



SPRING
FL 390

CODE:

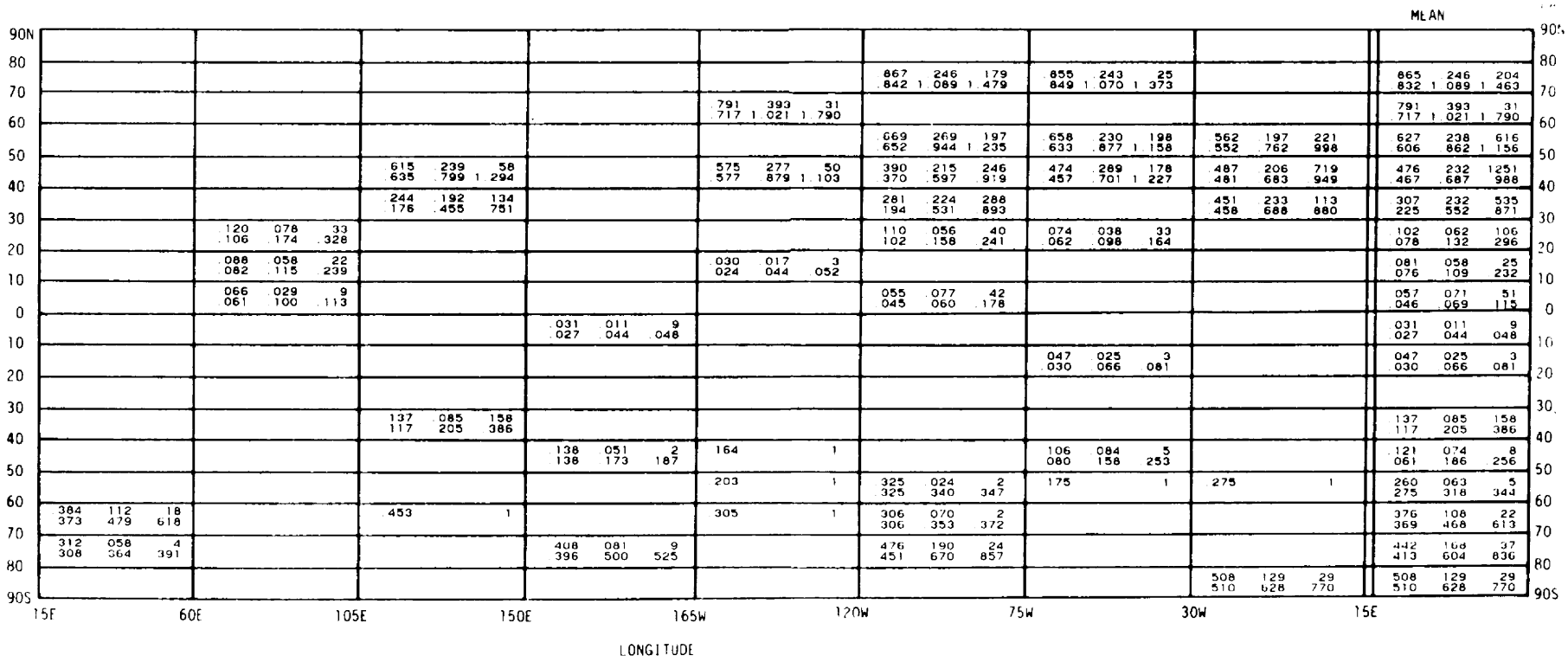
MEAN	ST. DEV.	N
50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

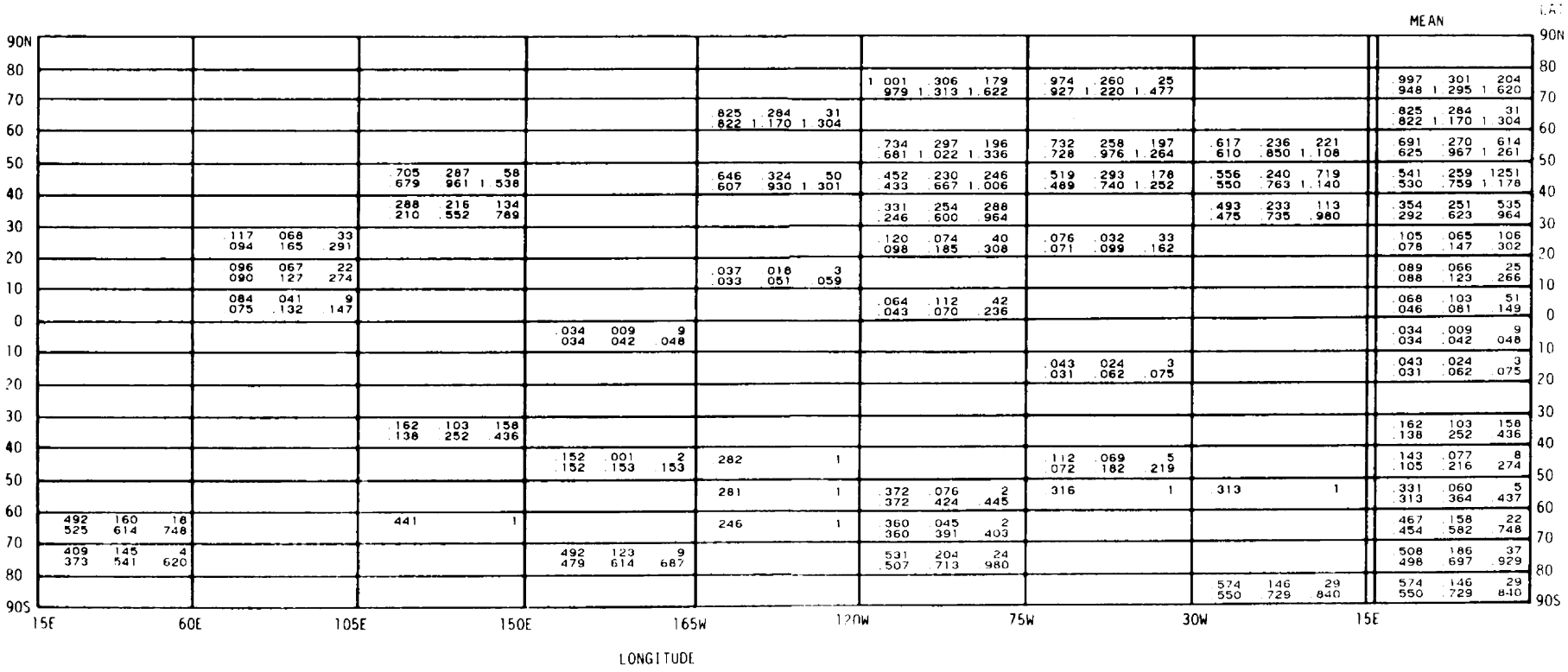
SPRING
FL 410



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

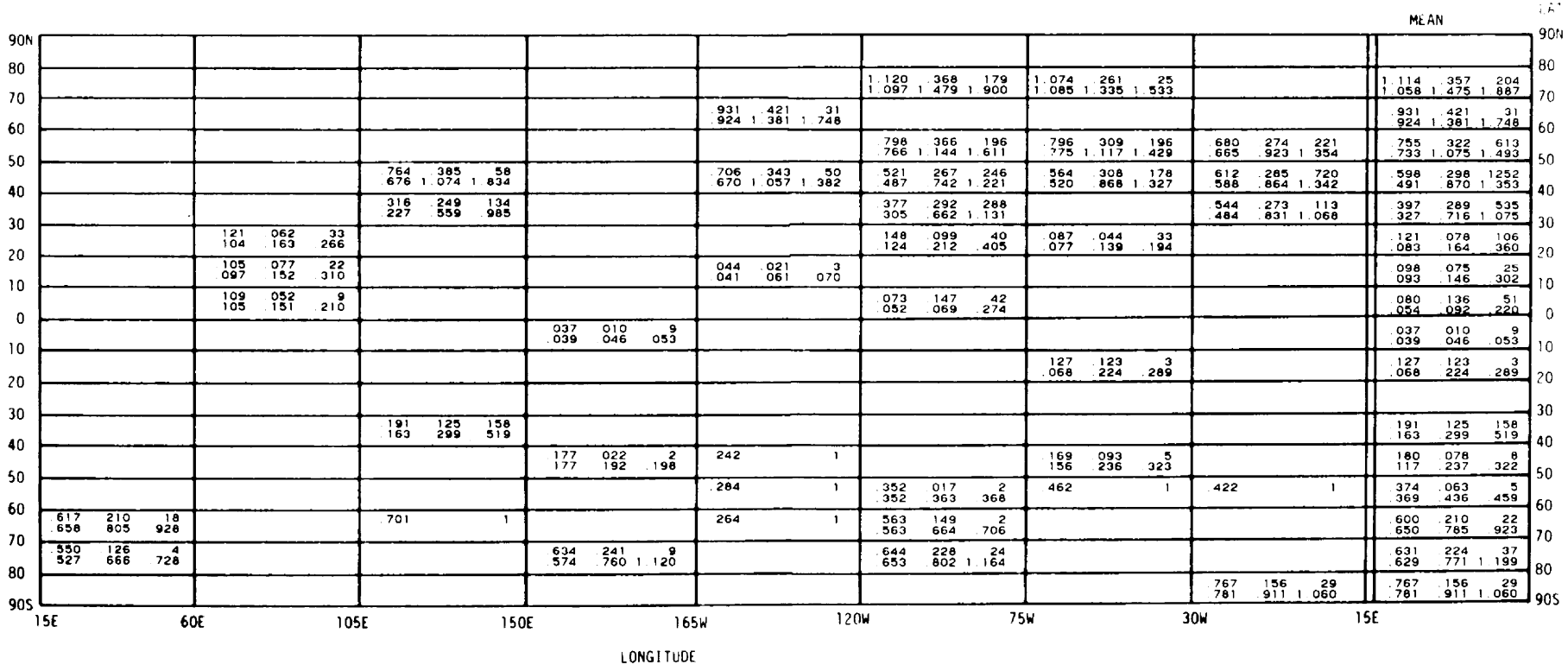
SPRING
FL 430



CODE:

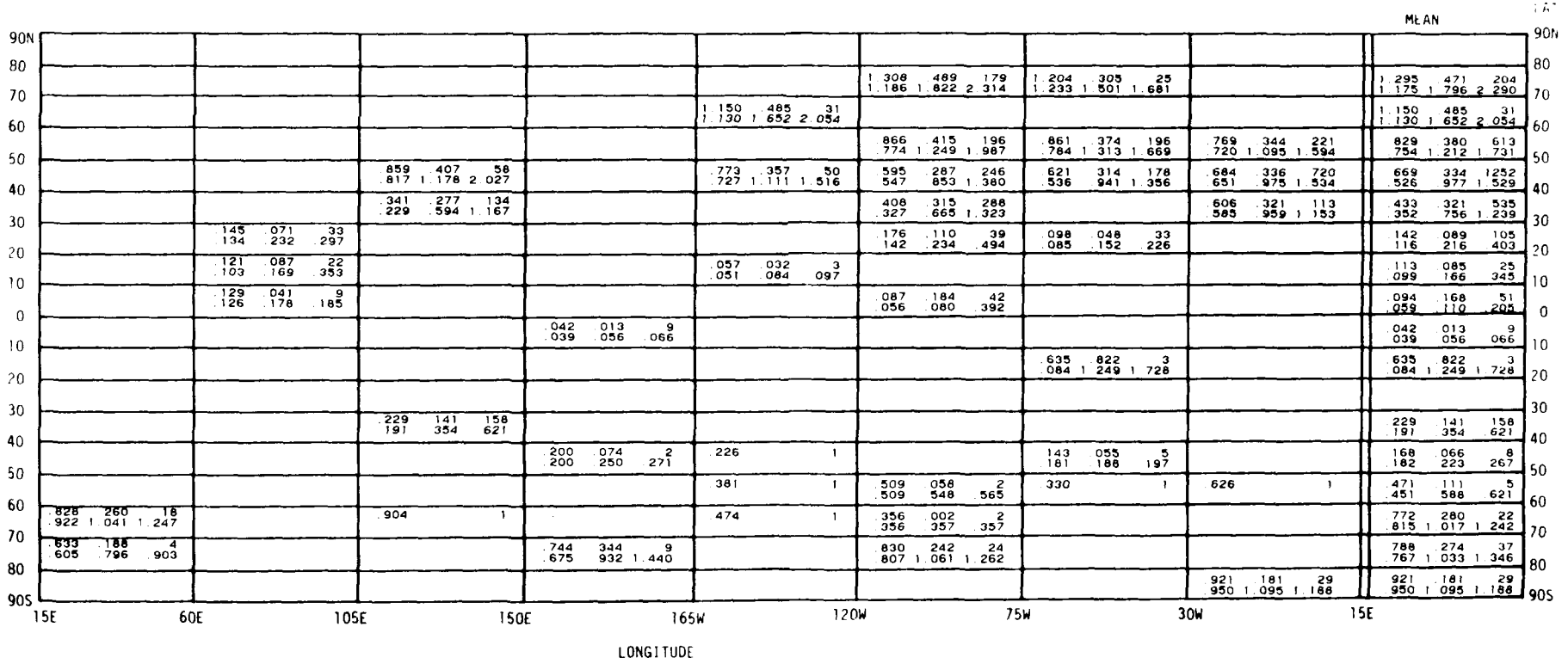
MEAN	ST. DEV.	N
50%	84	98°

SPRING
FL 450



SPRING
FL 470

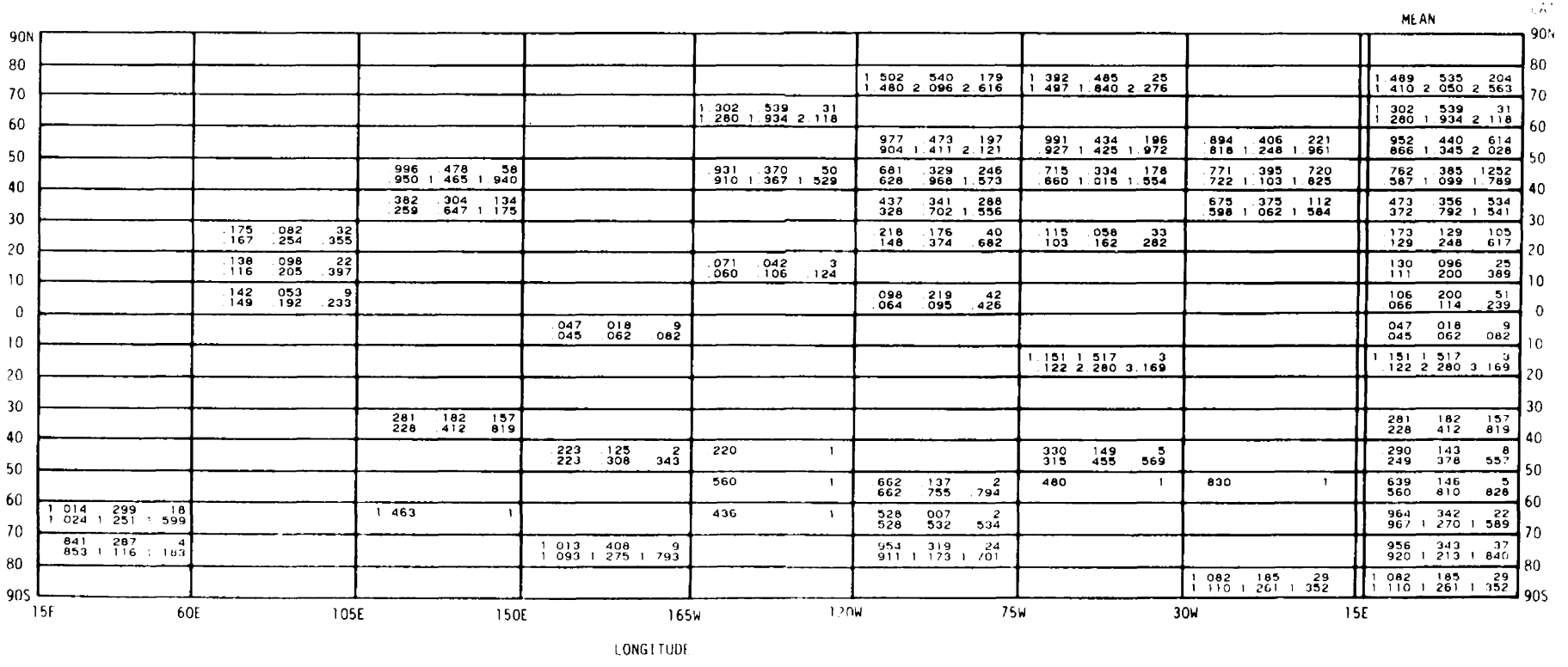
CODE:	MEAN	ST. DEV.	N
	50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

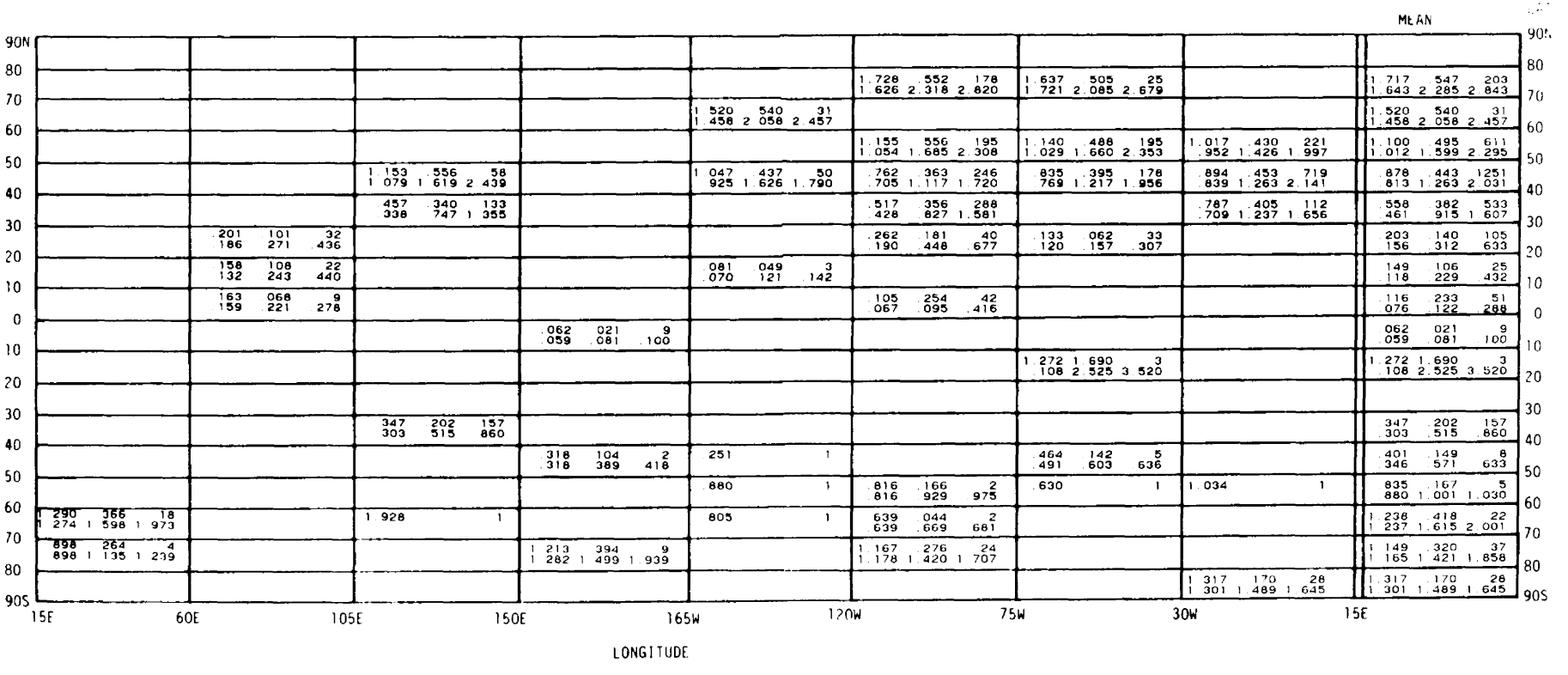
SPRING
FL 490



CODE:

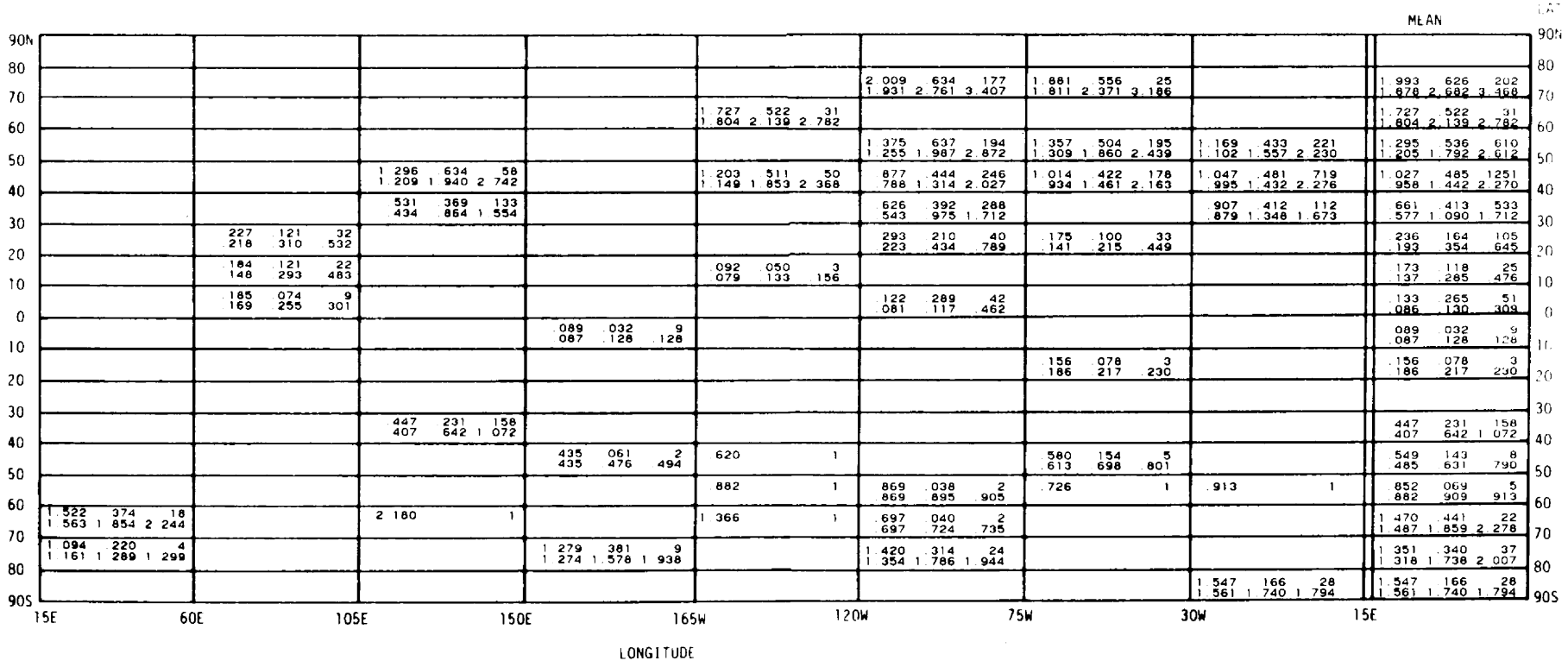
MEAN	ST. DEV.	N
50	84	98

SPRING
FL 510



SPRING
FL 530

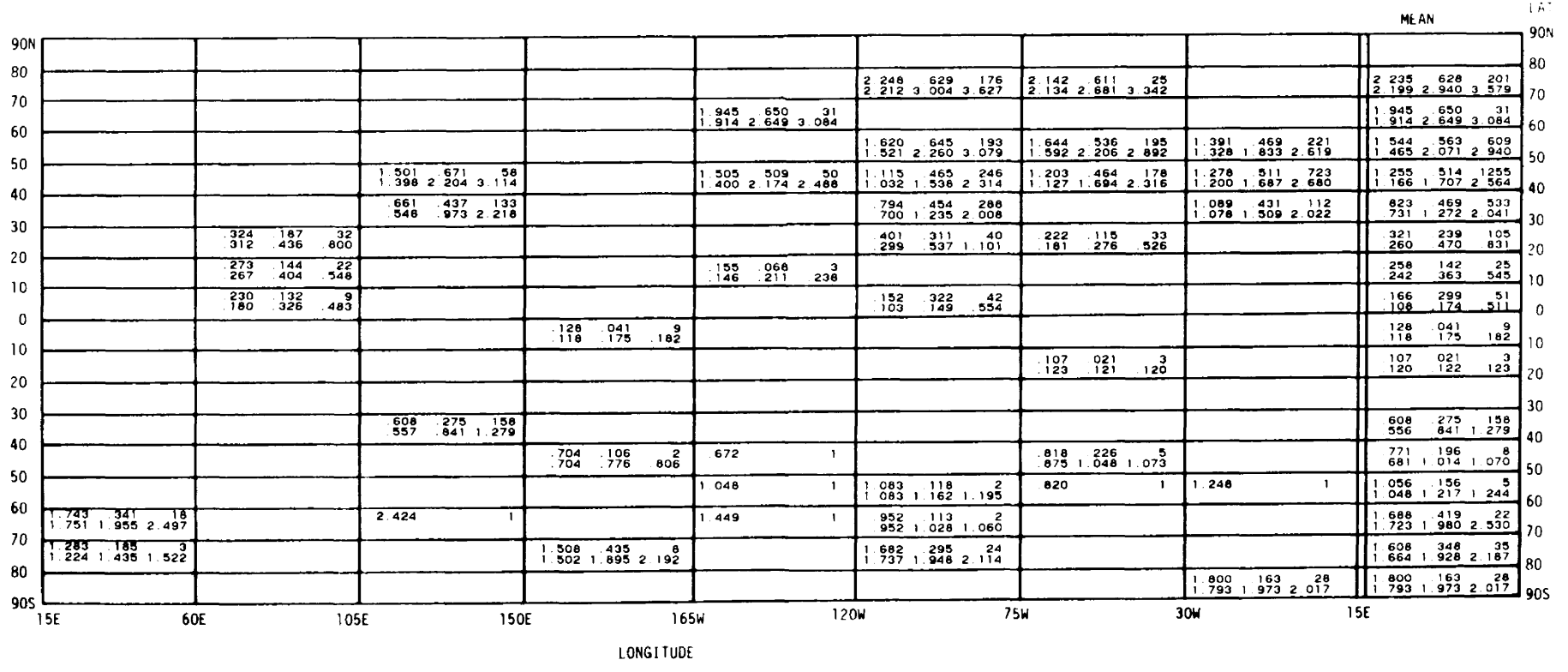
CODE:	MEAN	ST. DEV.	N
	50	84	98



SPRING
FL 550

CODE:

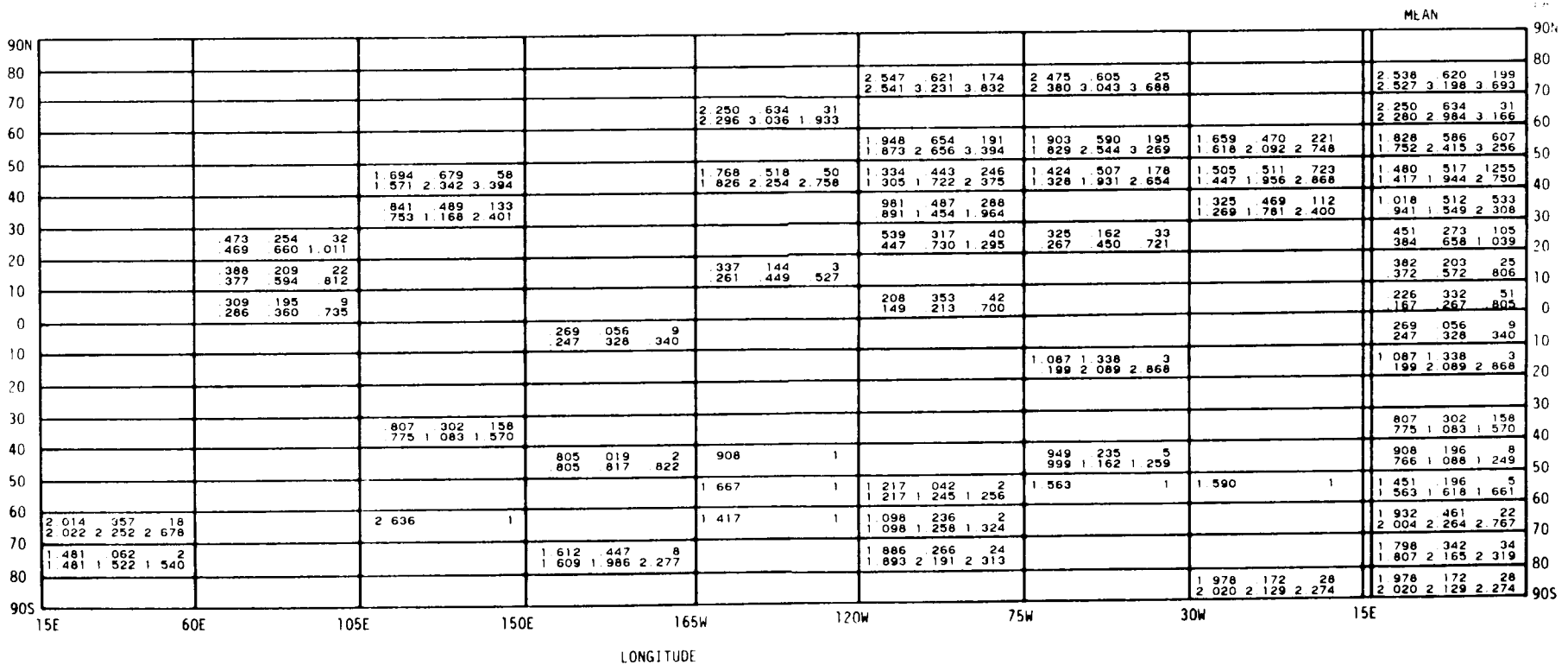
MEAN	ST. DEV.	N
50	84	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

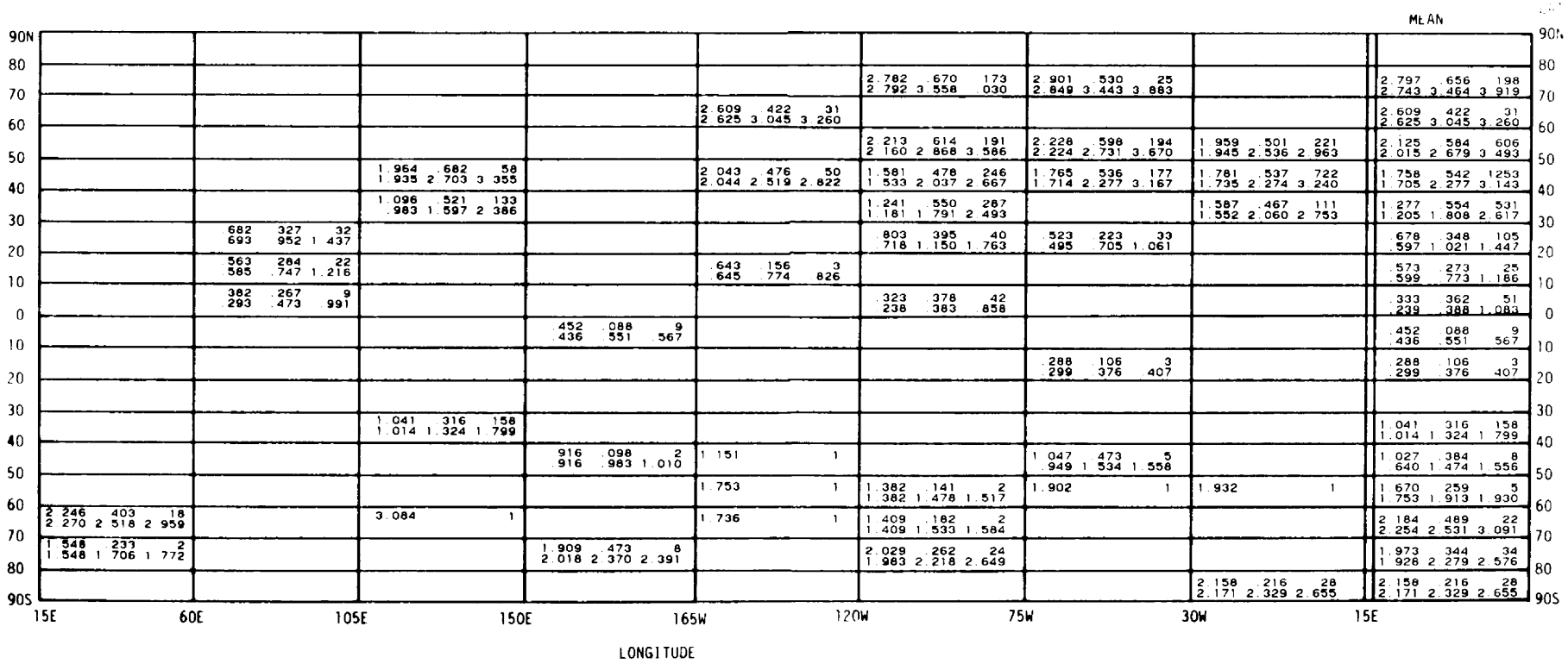
SPRING
FL 570



CODE:

MEAN	ST. DEV.	N
50%	84	98%

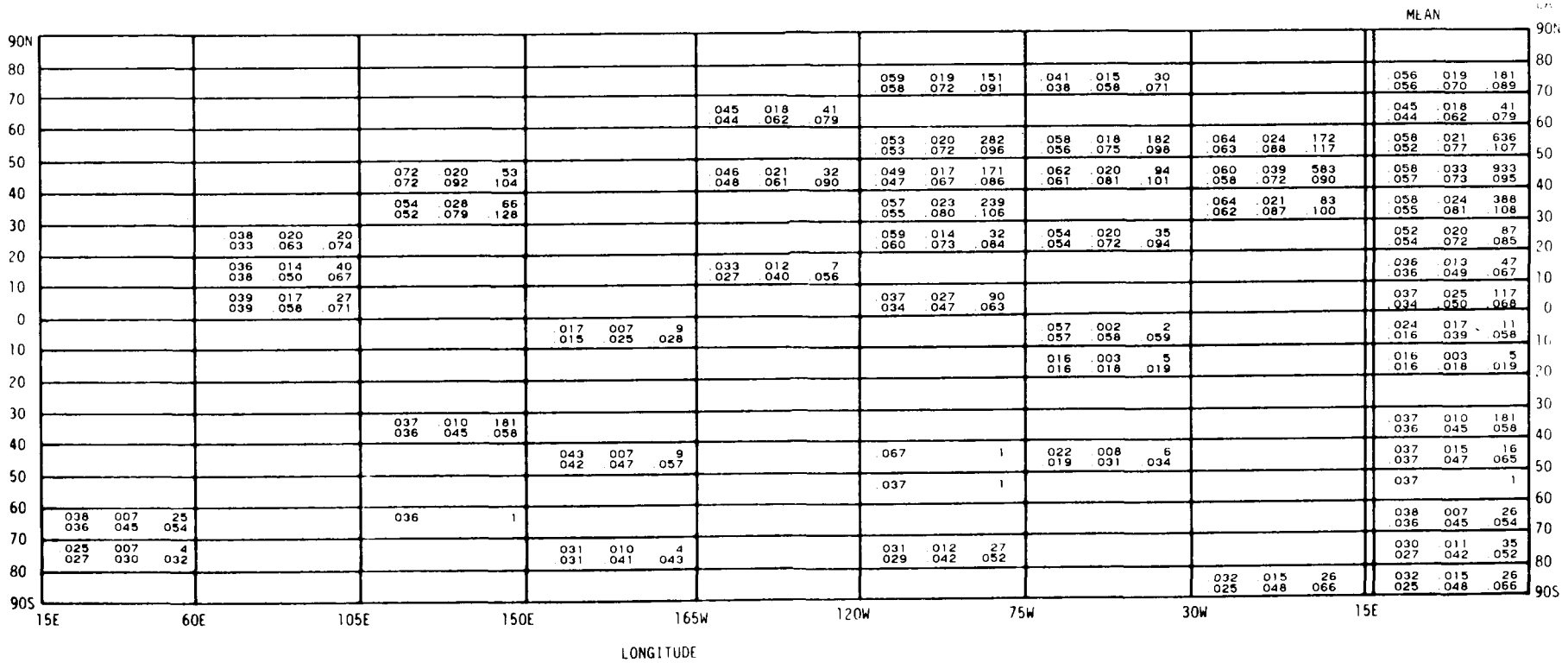
SPRING
FL 590



SUMMER
FL 190

CODE:

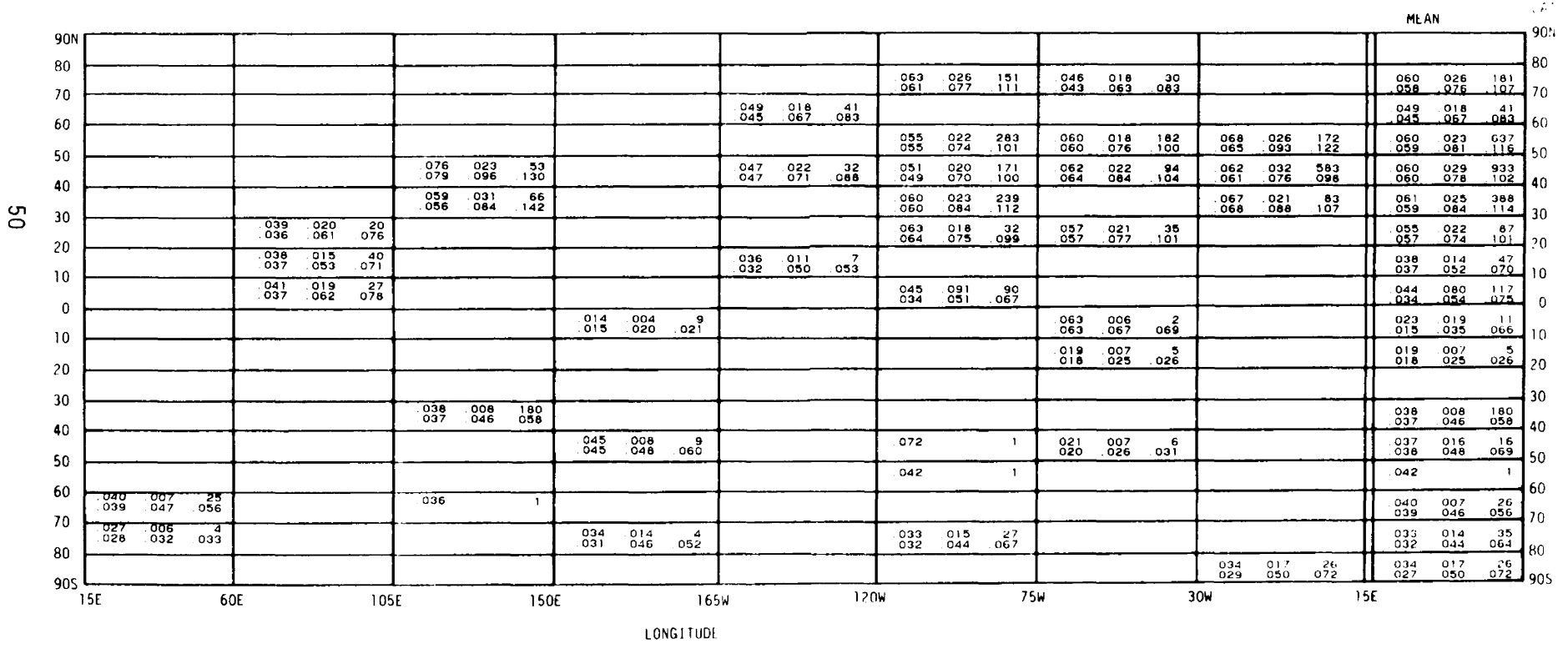
MEAN	ST. DEV.	N
50%	84	98



CODE:

MEAN	ST. DEV.	N
50°	84°	98°

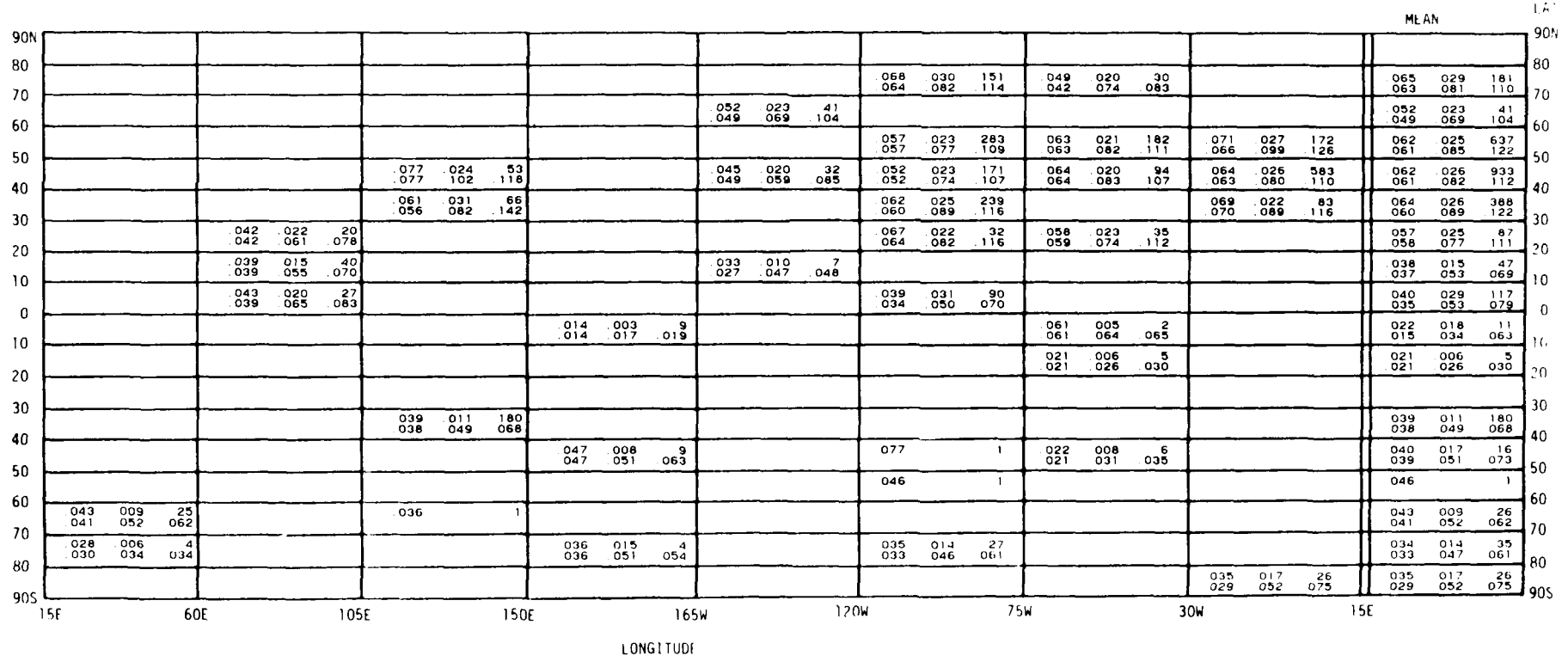
SUMMER
FL 210



CODE:

MEAN	ST. DEV.	N
50%	84	98%

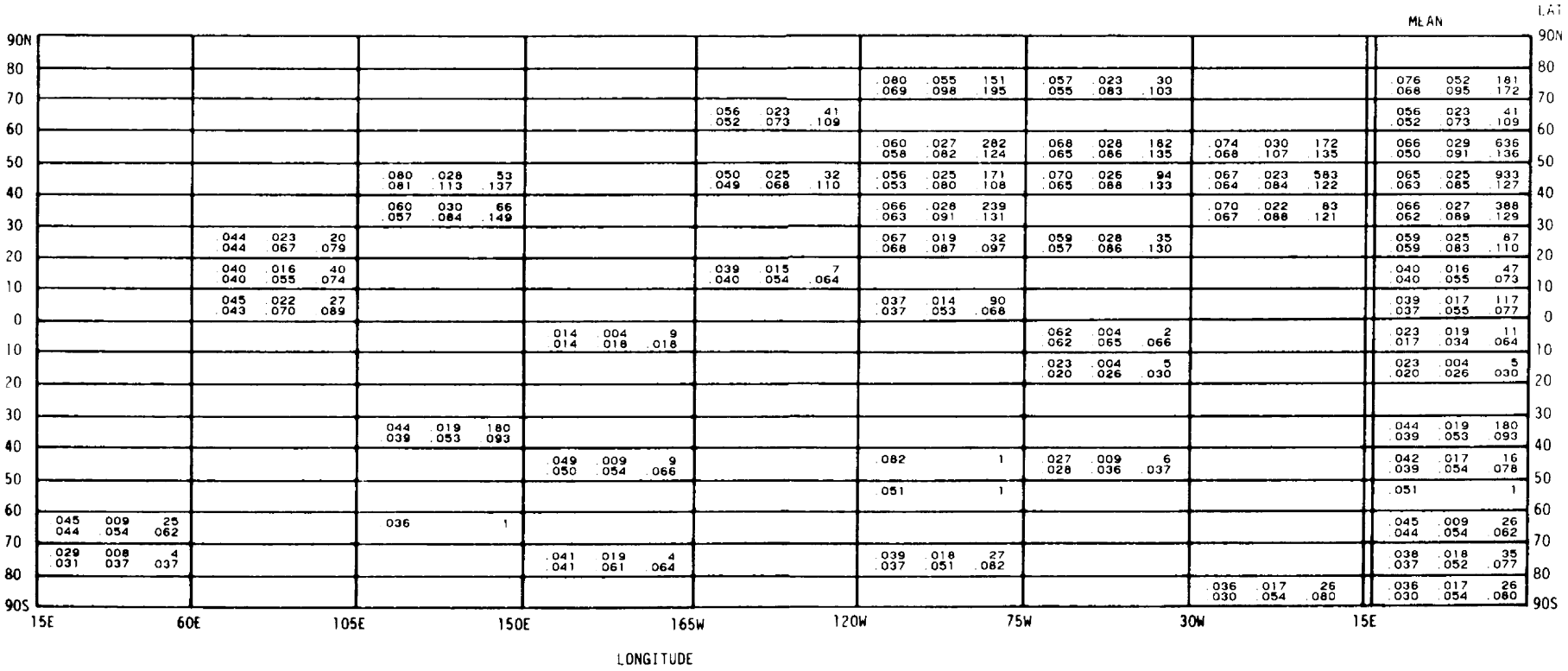
SUMMER
FL 230



CODE:

MEAN	ST. DEV.	N
50	84	98

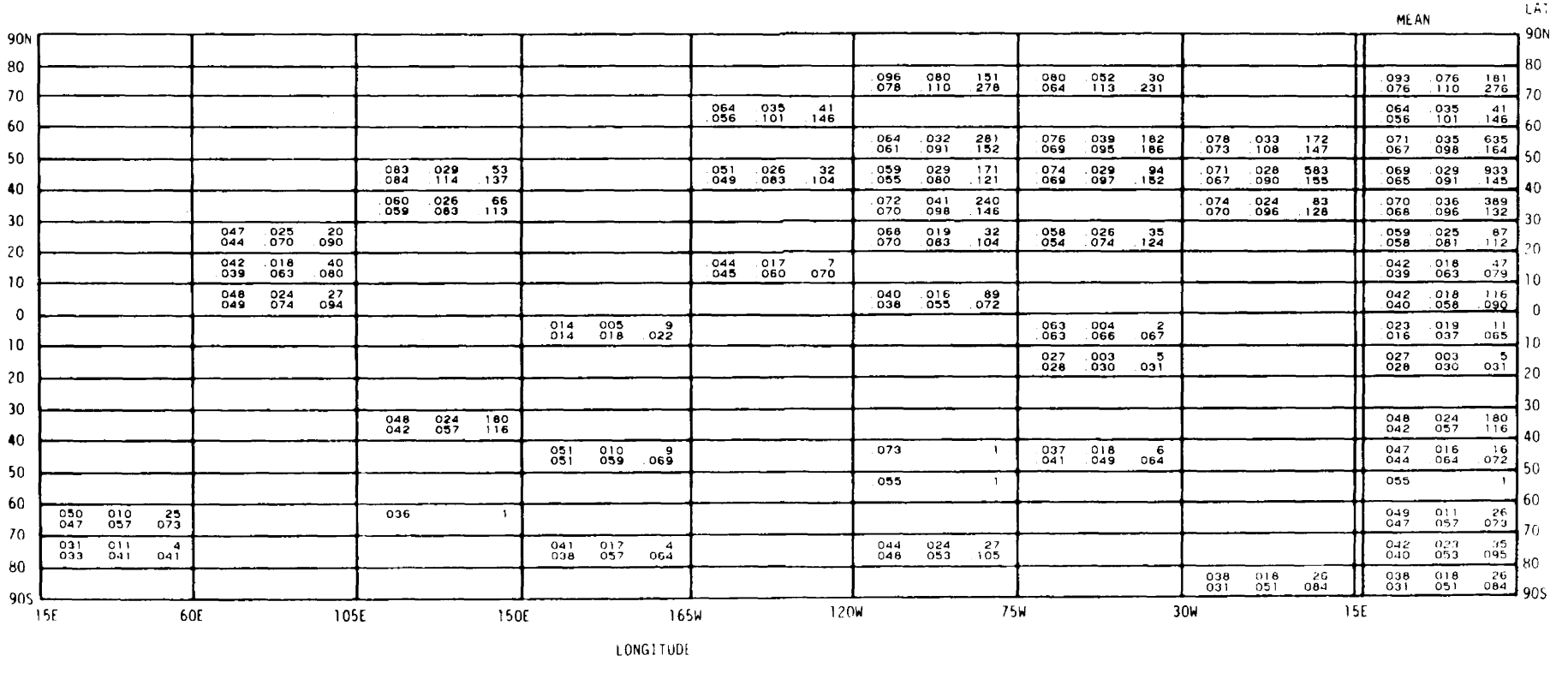
SUMMER
FL 250



CODE:

MEAN	ST. DEV.	N
50°	84°	98°

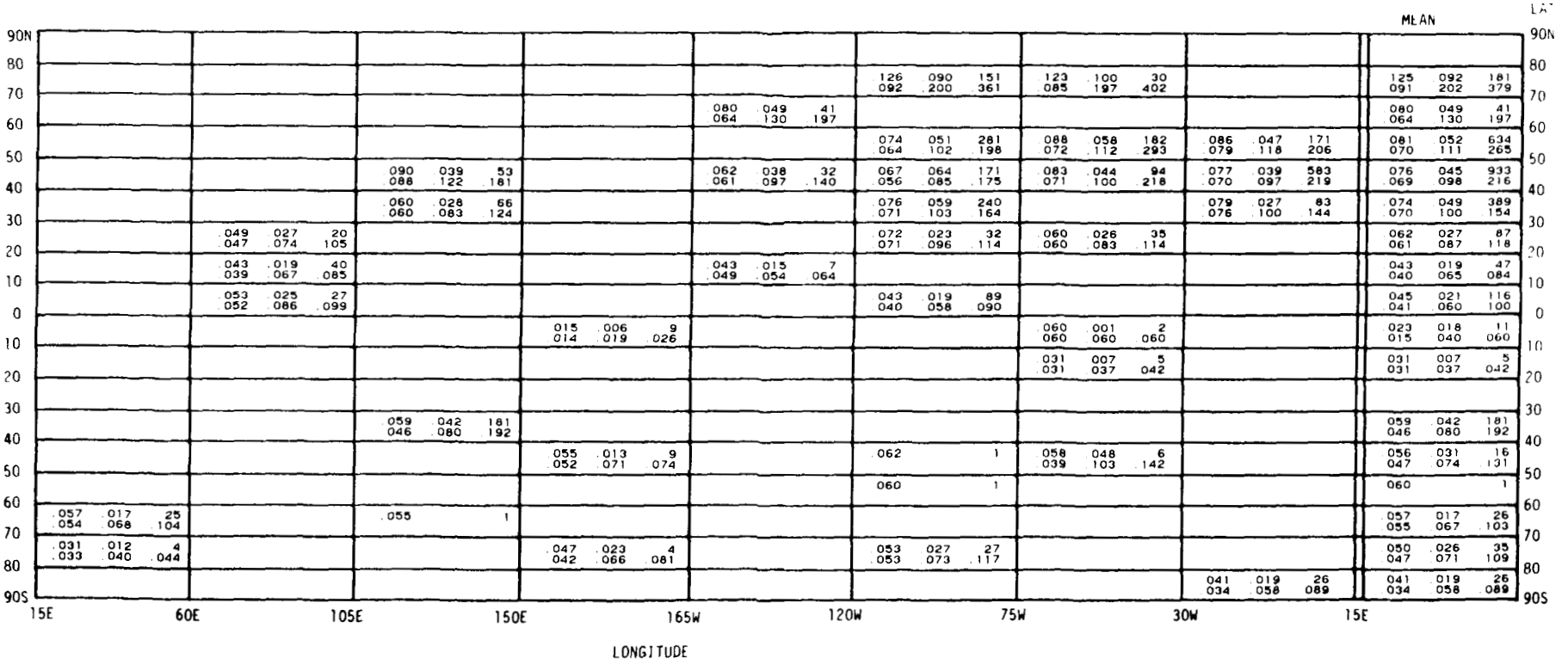
SUMMER
FL 270



CODE:

MEAN	ST. DEV.	N
50	84	98

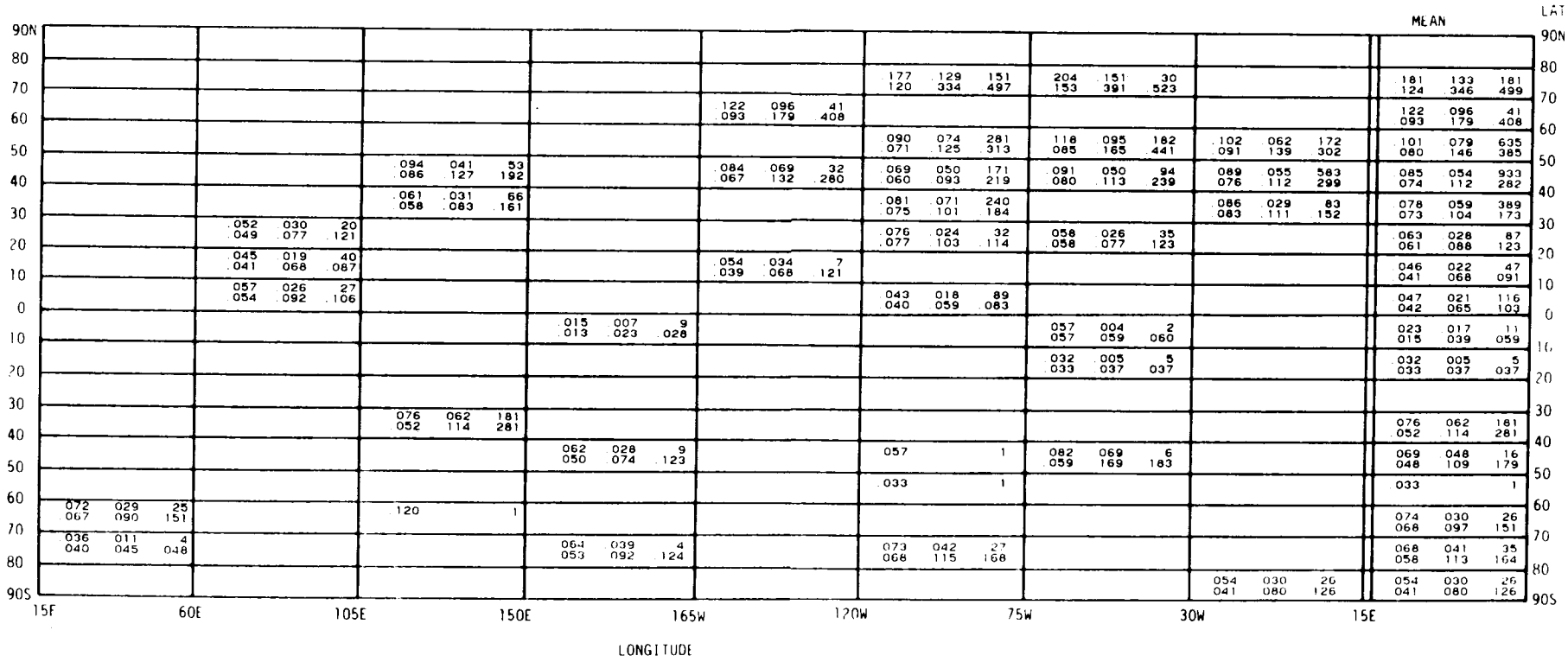
SUMMER
FL 290



CODE:

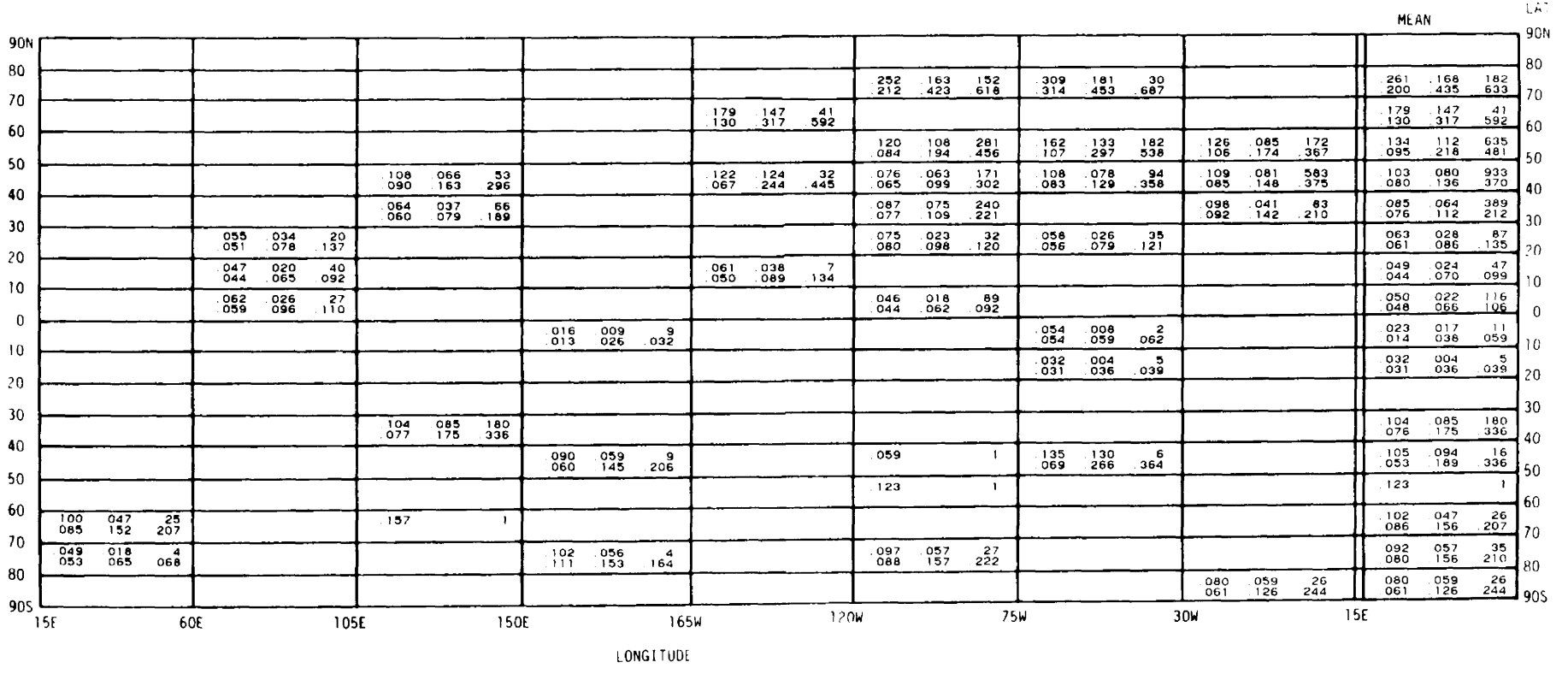
MEAN	ST. DEV.	N
50°	84°	98°

SUMMER
FL 310



SUMMER
FL 330

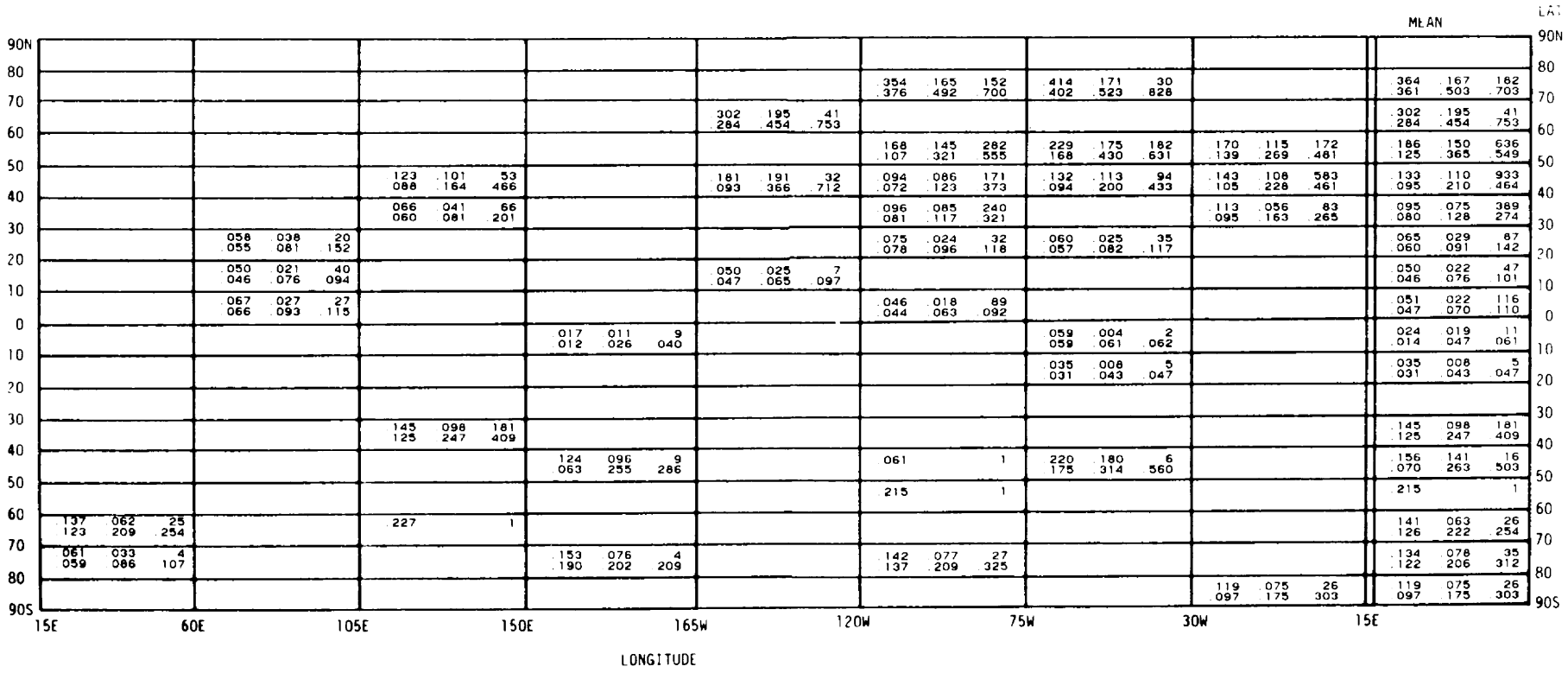
CODE:	MEAN	ST. DEV.	N
	50°	84°	98°.



CODE:

MEAN	ST. DEV.	N
50%	84	98%

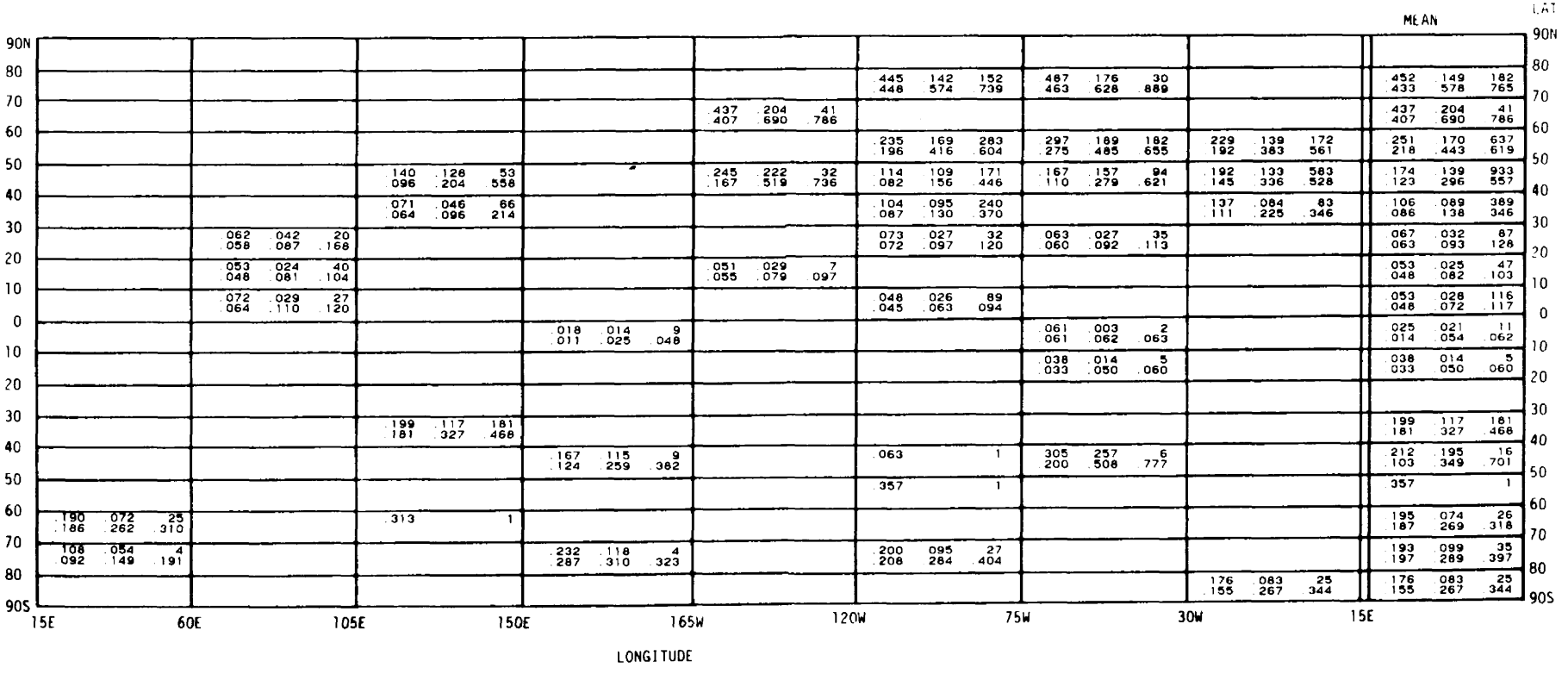
SUMMER
FL 350



CODE:

MEAN	ST. DEV.	N
50	84	98%

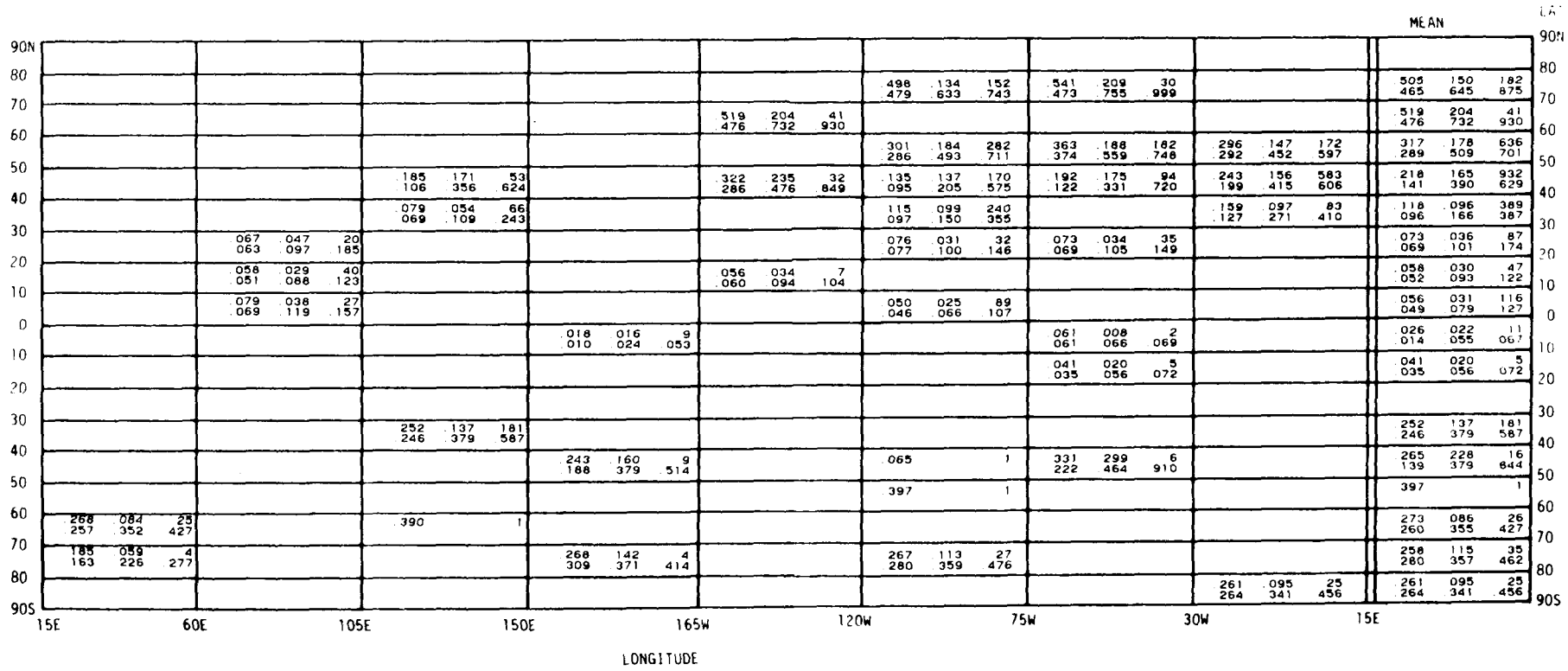
SUMMER
FL 370



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

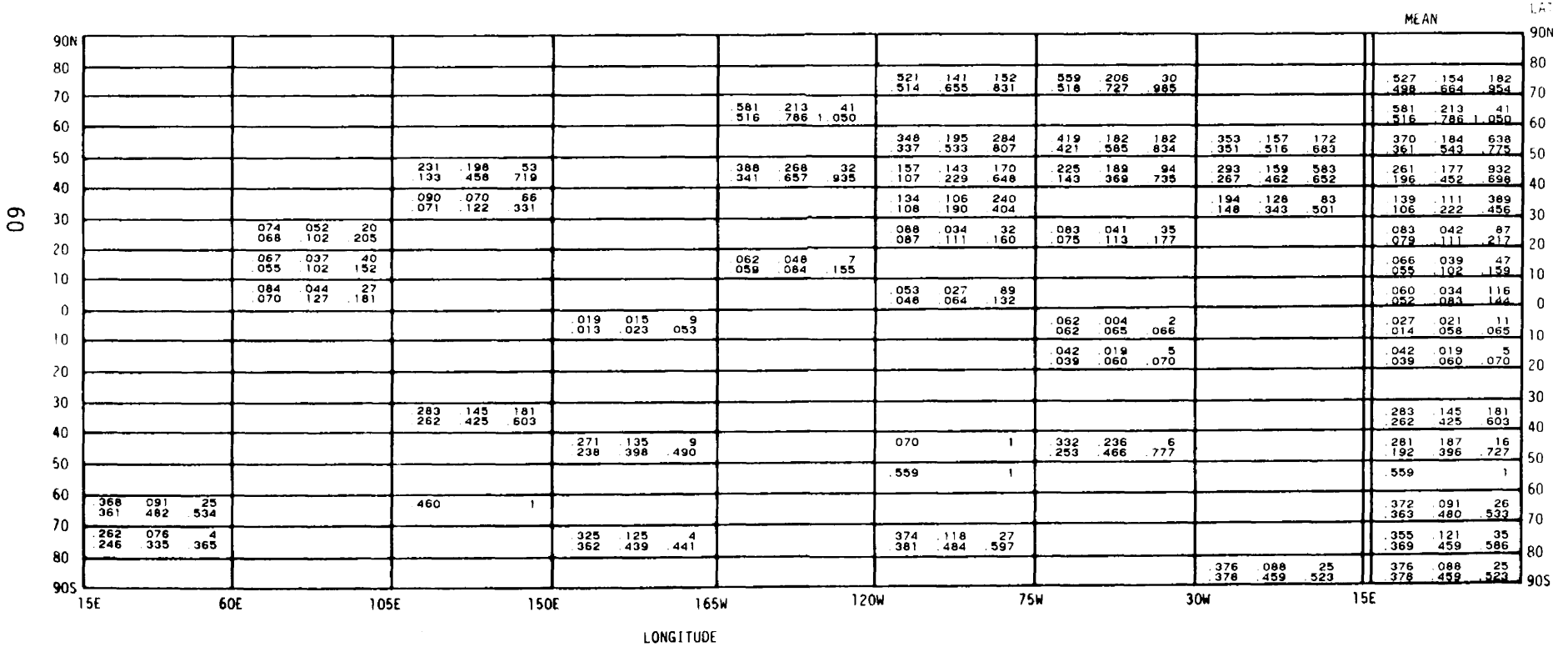
SUMMER
FL 390



CODE:

MEAN	ST. DEV.	N
50	84	98

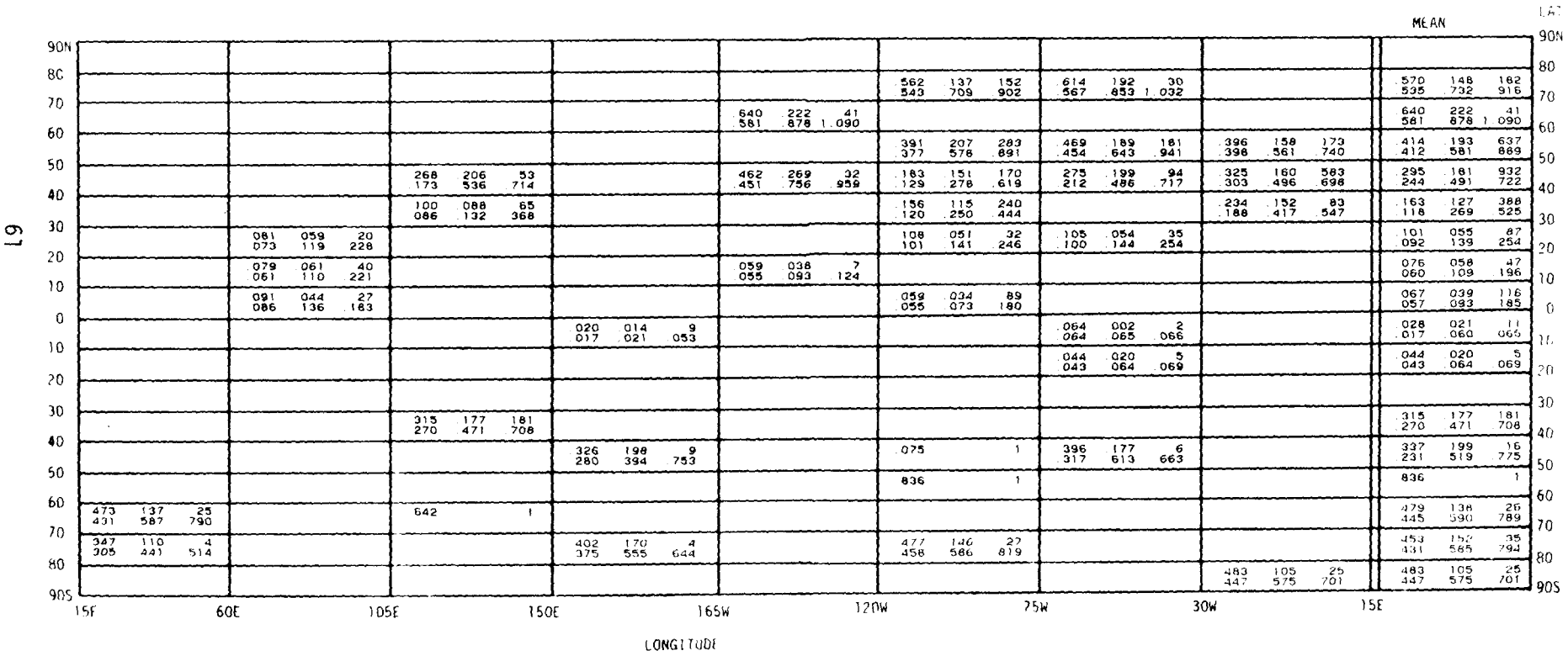
SUMMER
FL 410



CODE:

MEAN	ST. DEV.	N
50	84	98%

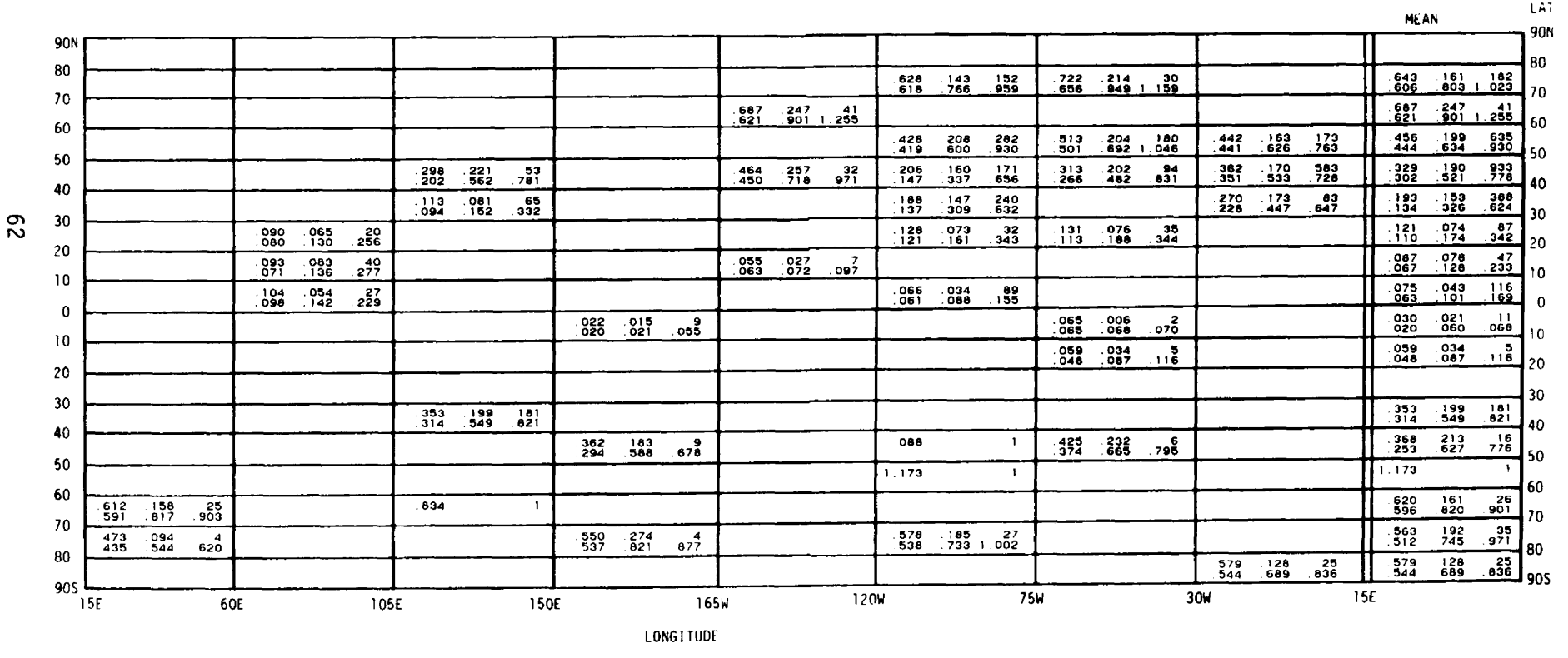
SUMMER
FL 430



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

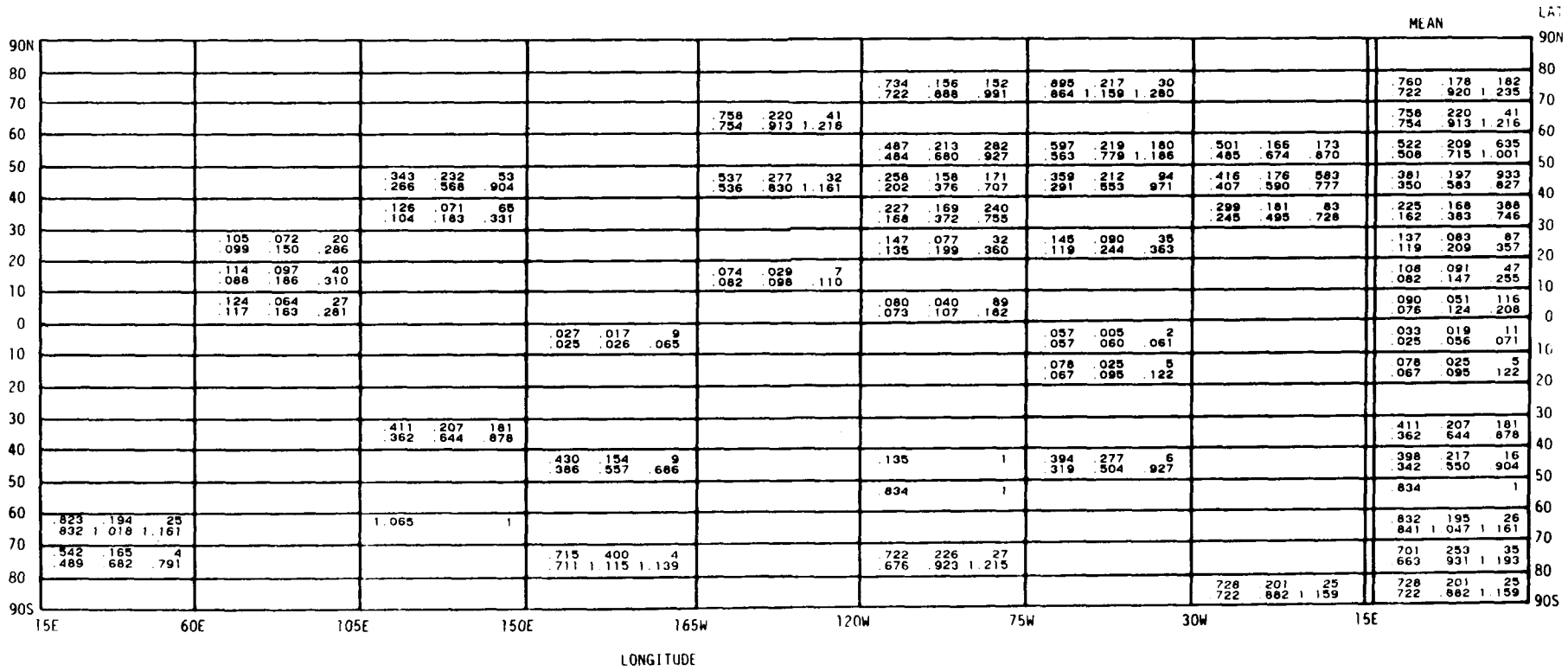
SUMMER
FL 450



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

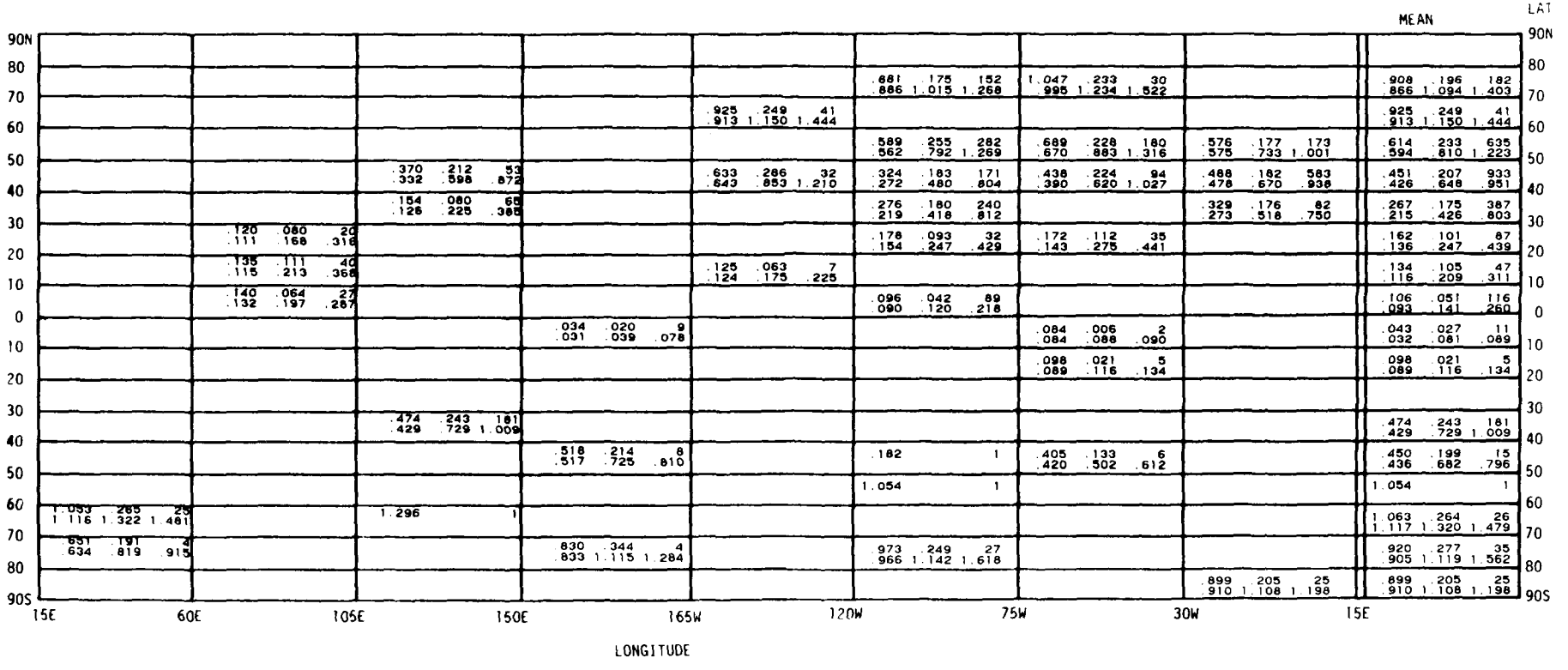
SUMMER
FL 470



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

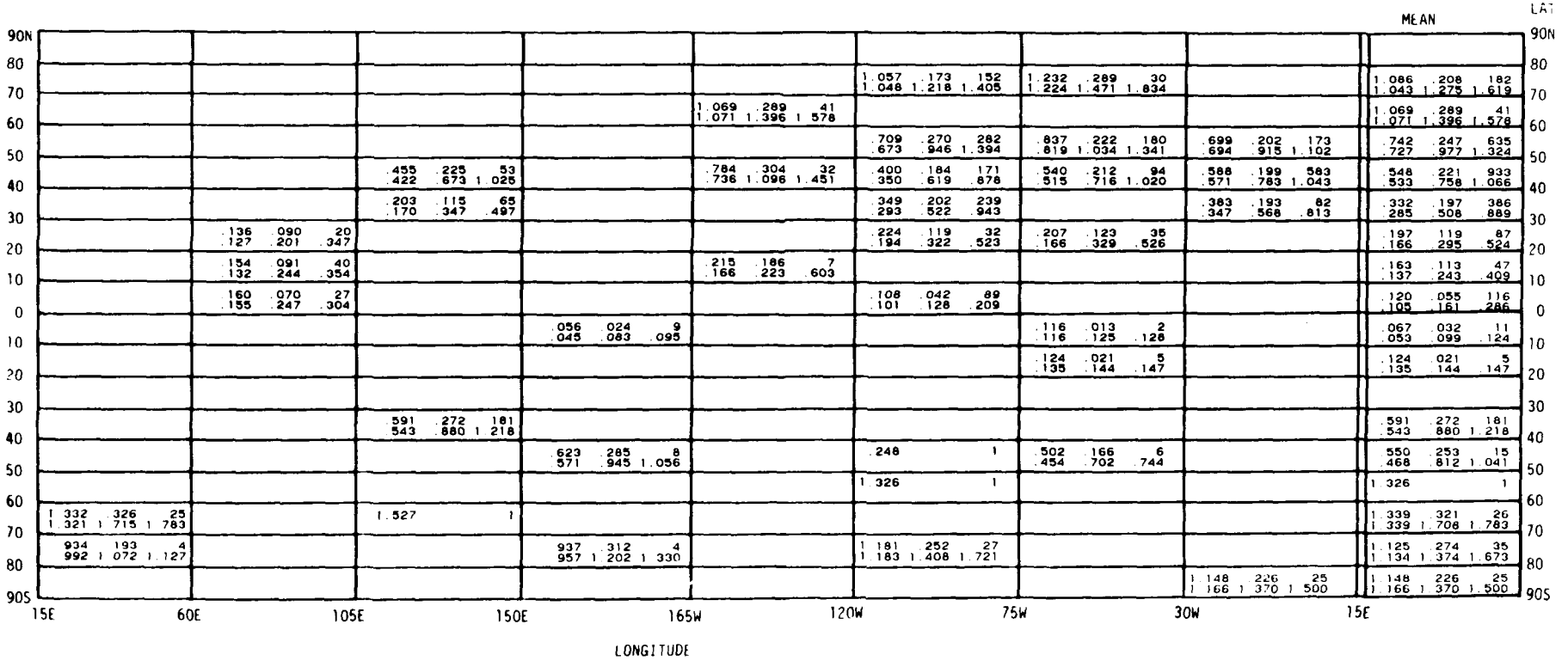
SUMMER
FL 490



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

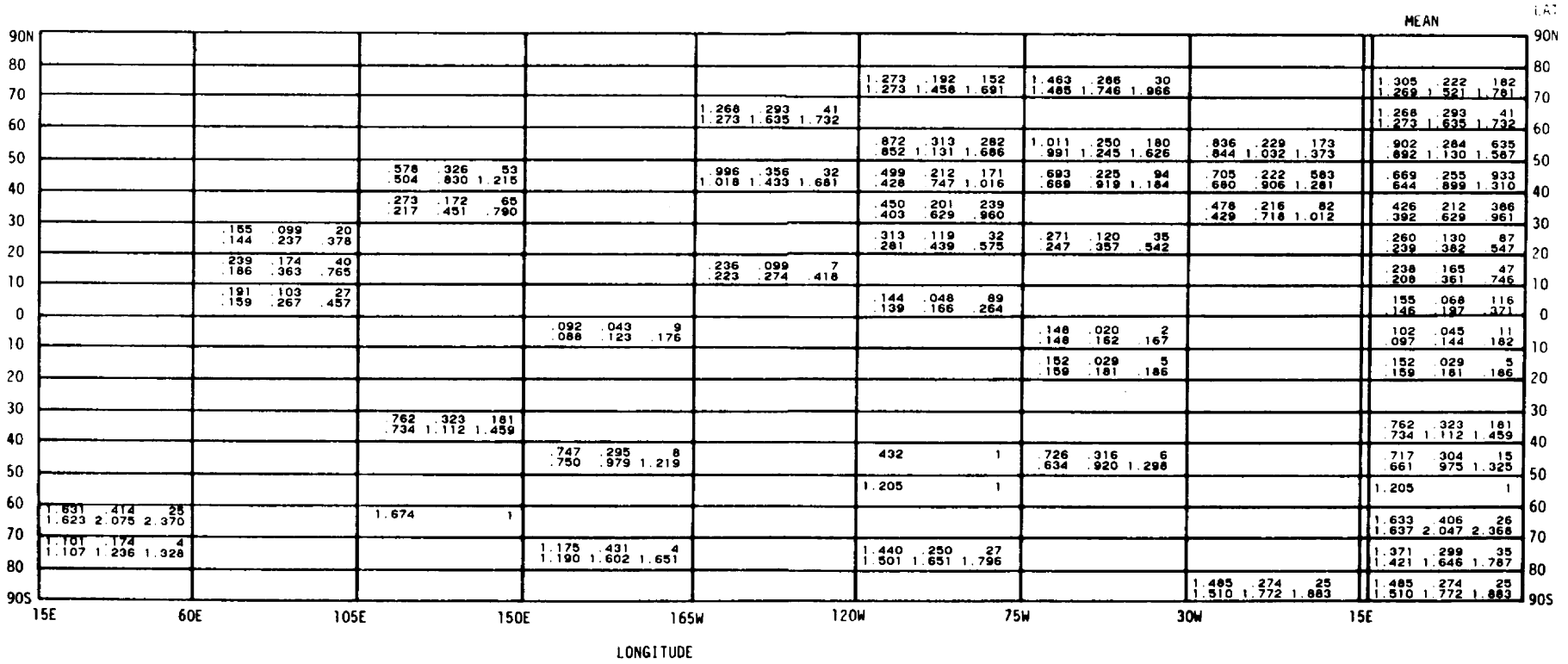
SUMMER
FL 510



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

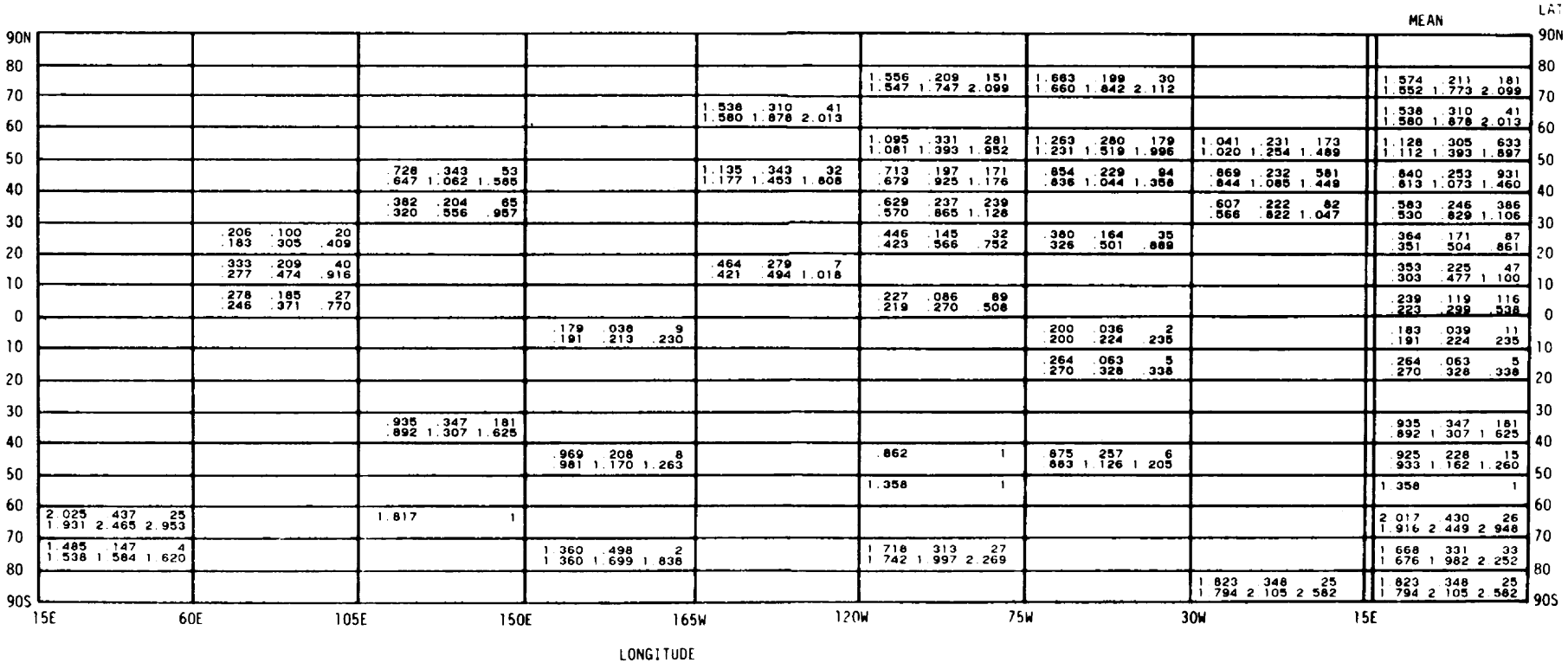
SUMMER
FL 530



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

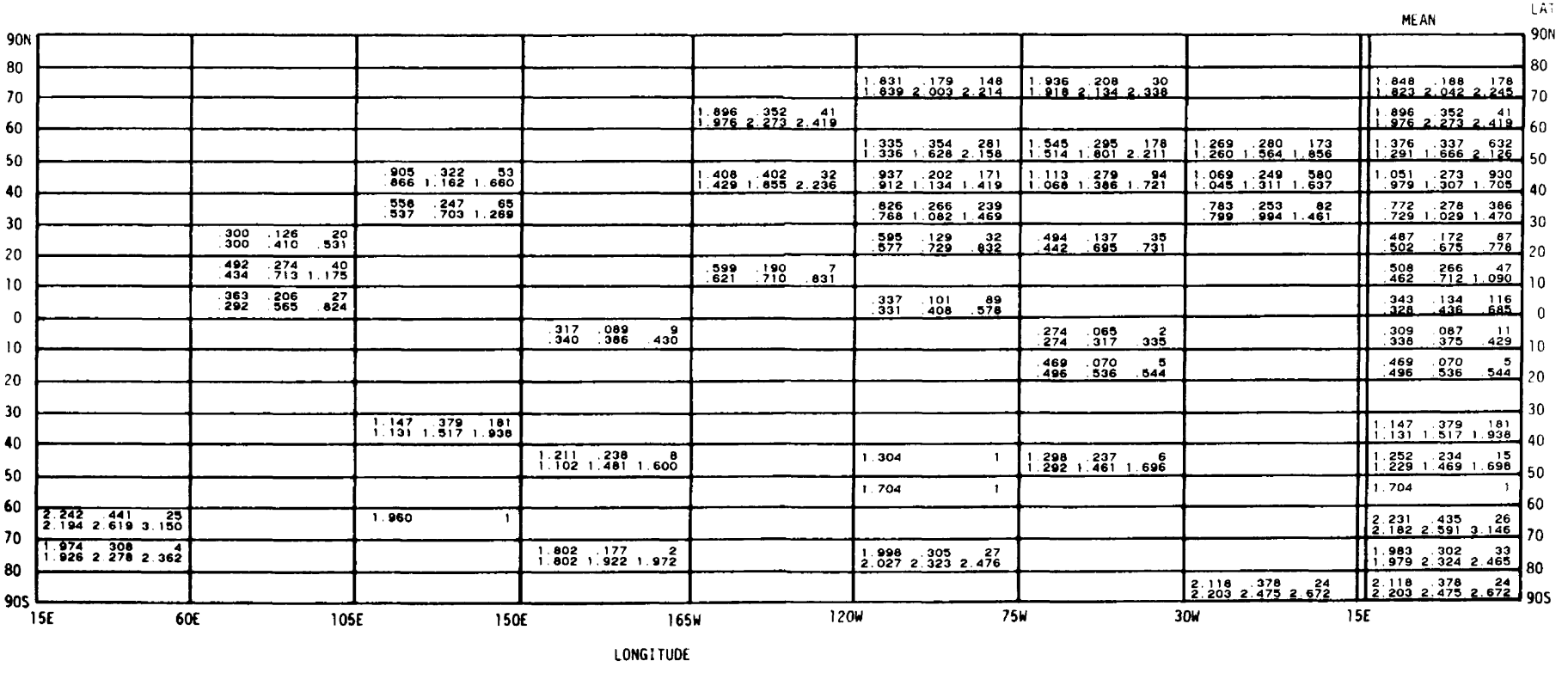
SUMMER
FL 550



SUMMER
FL 570

CODE:

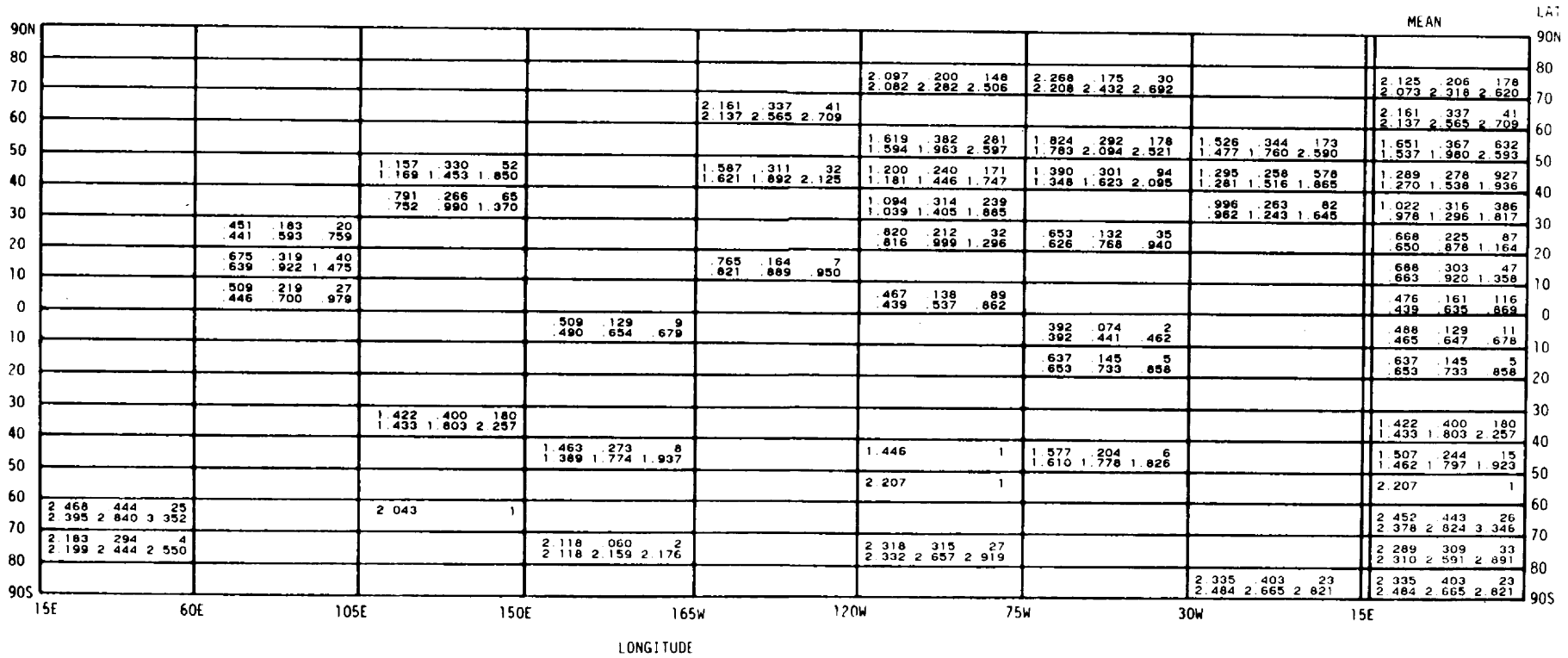
MEAN	ST. DEV.	N
50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

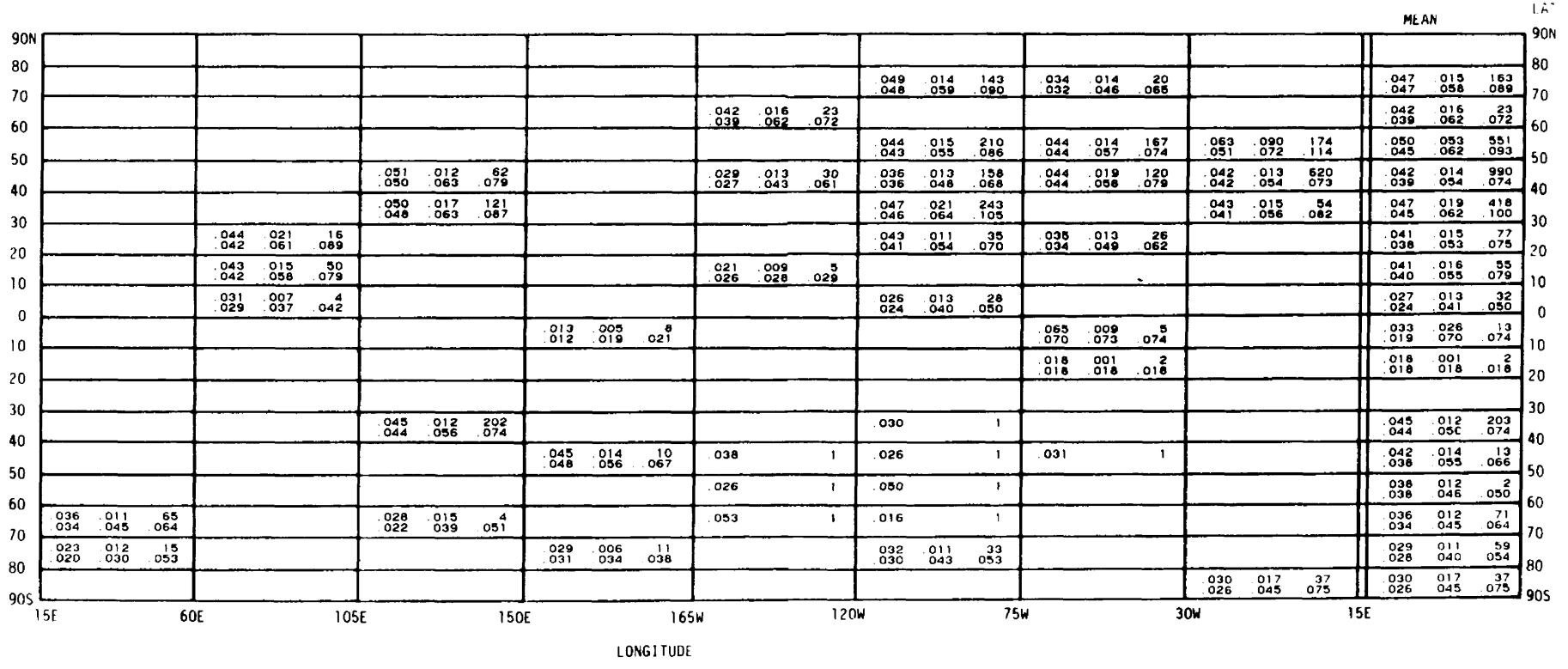
SUMMER
FL 590



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

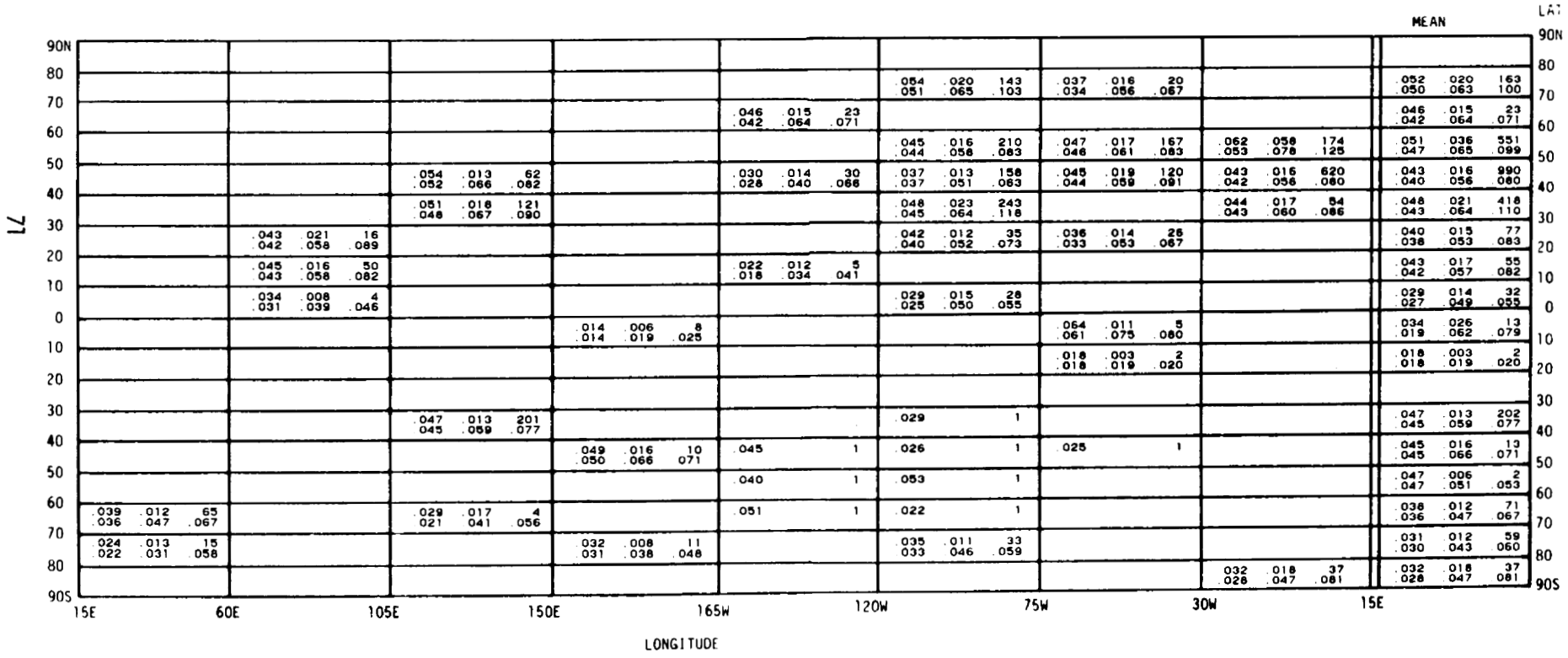
AUTUMN
FL 190



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

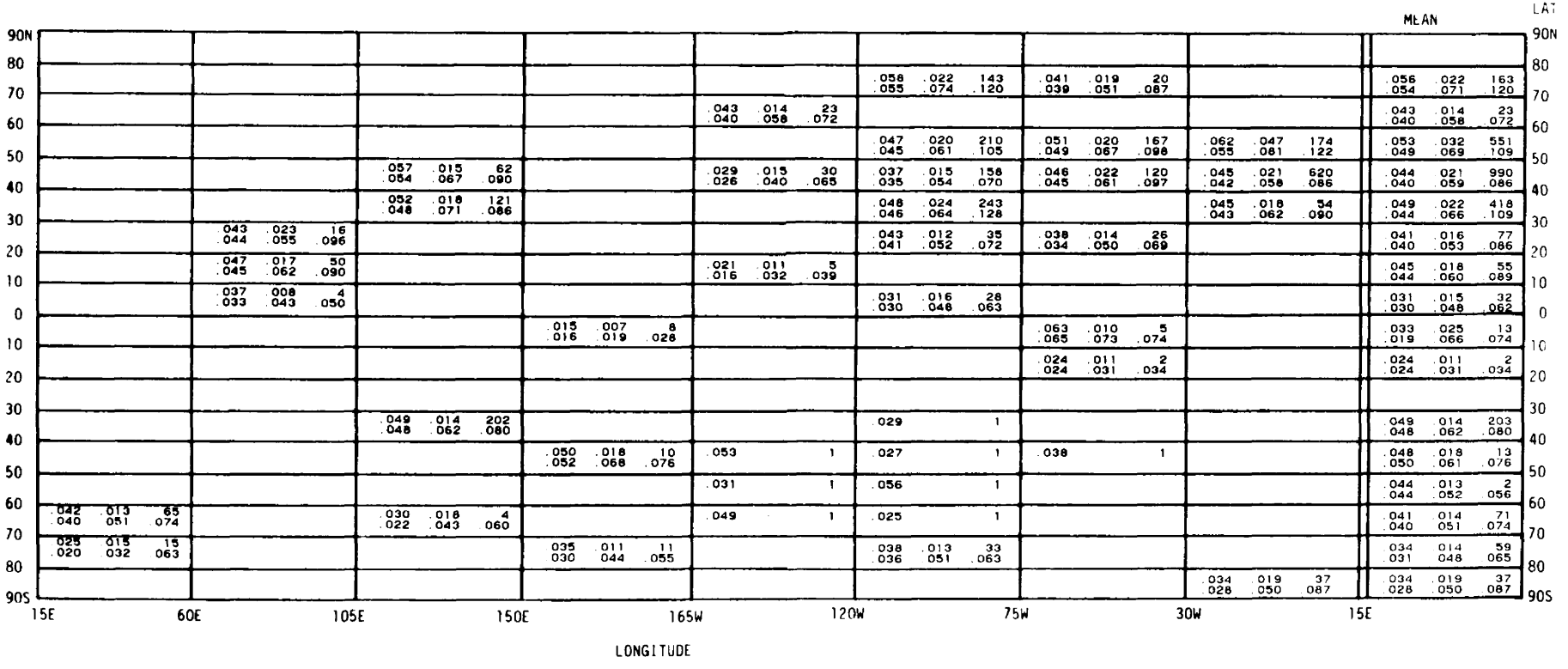
AUTUMN
FL 210



CODE:

MEAN	ST. DEV.	N
50	84	98%

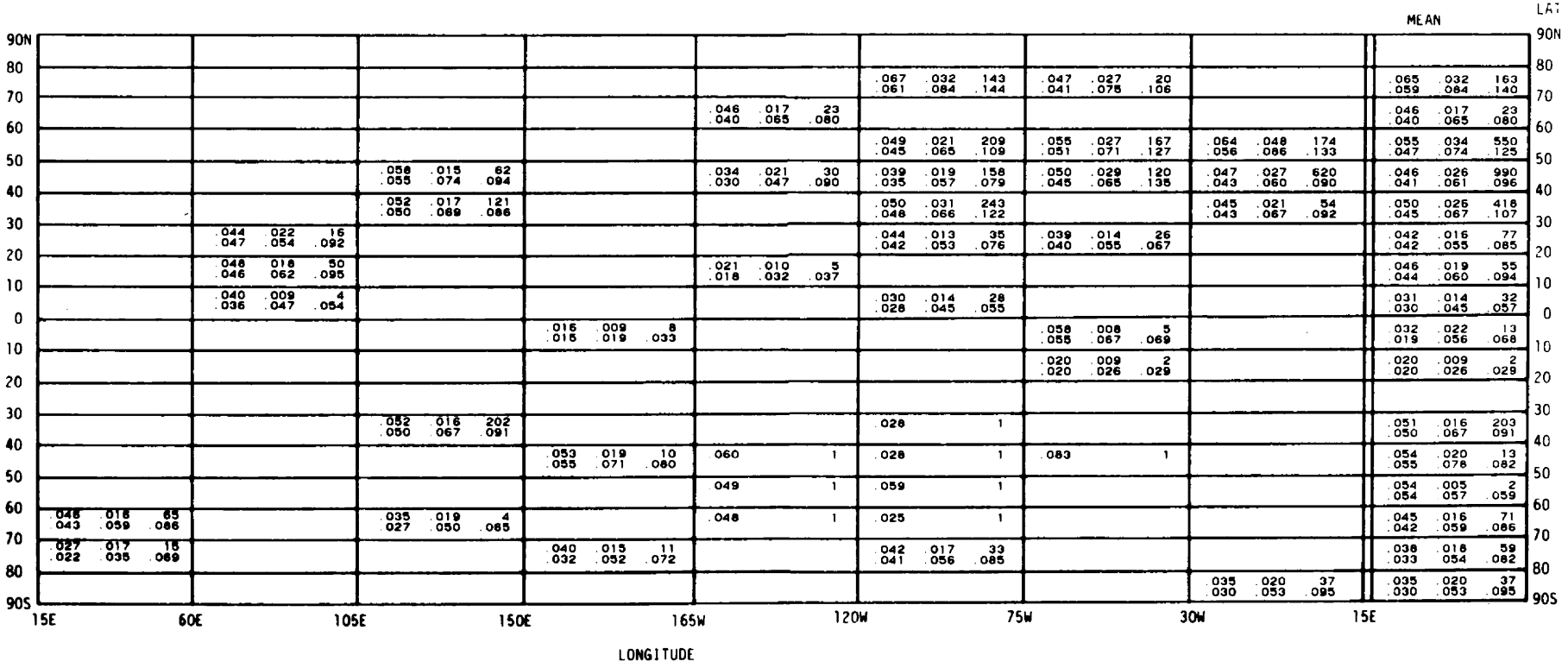
AUTUMN
FL 230



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

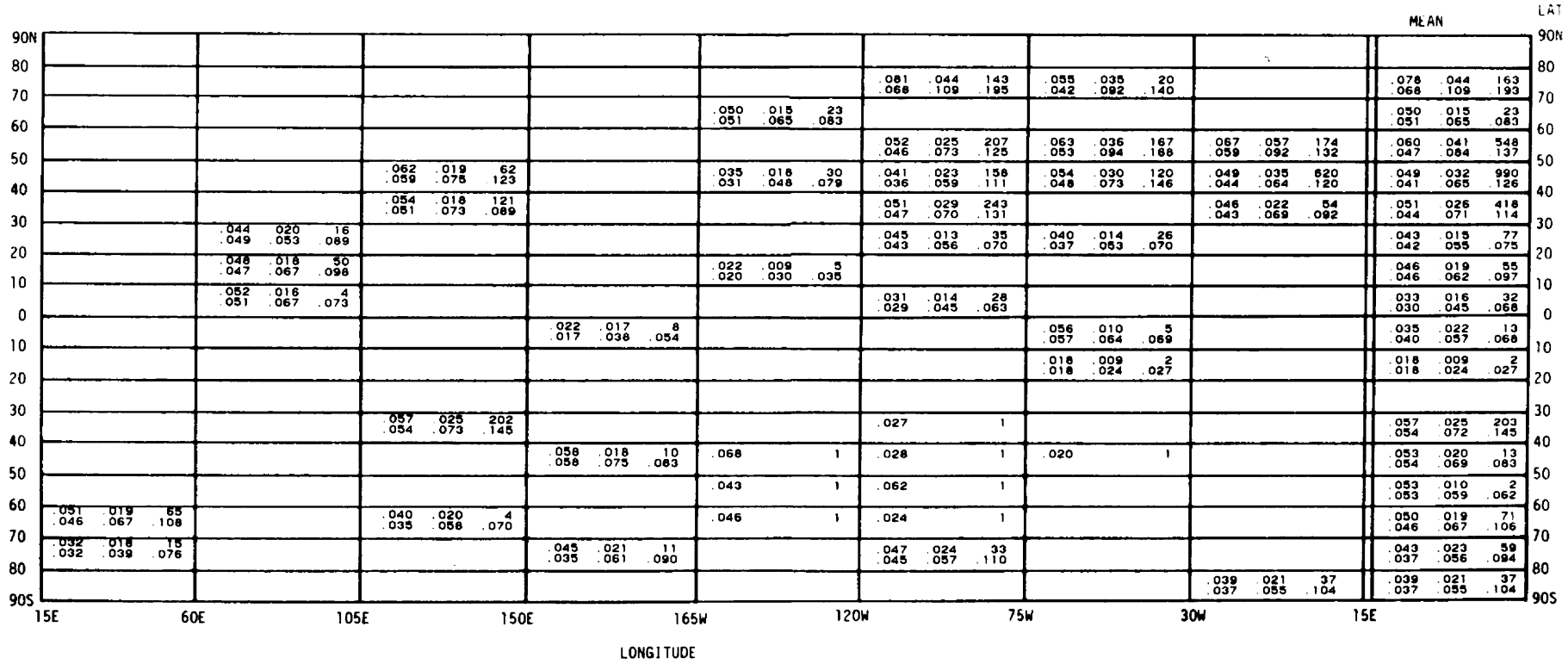
AUTUMN
FL 250



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

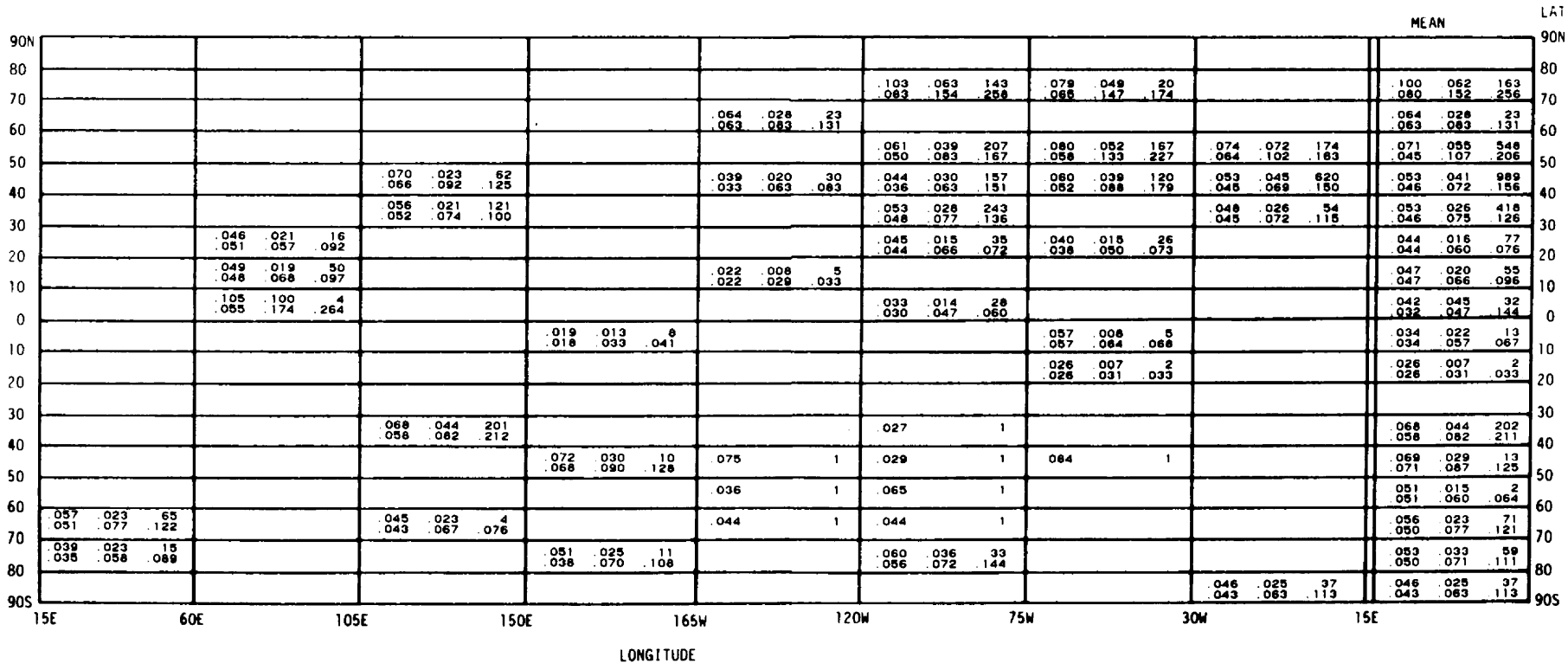
AUTUMN
FL 270



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

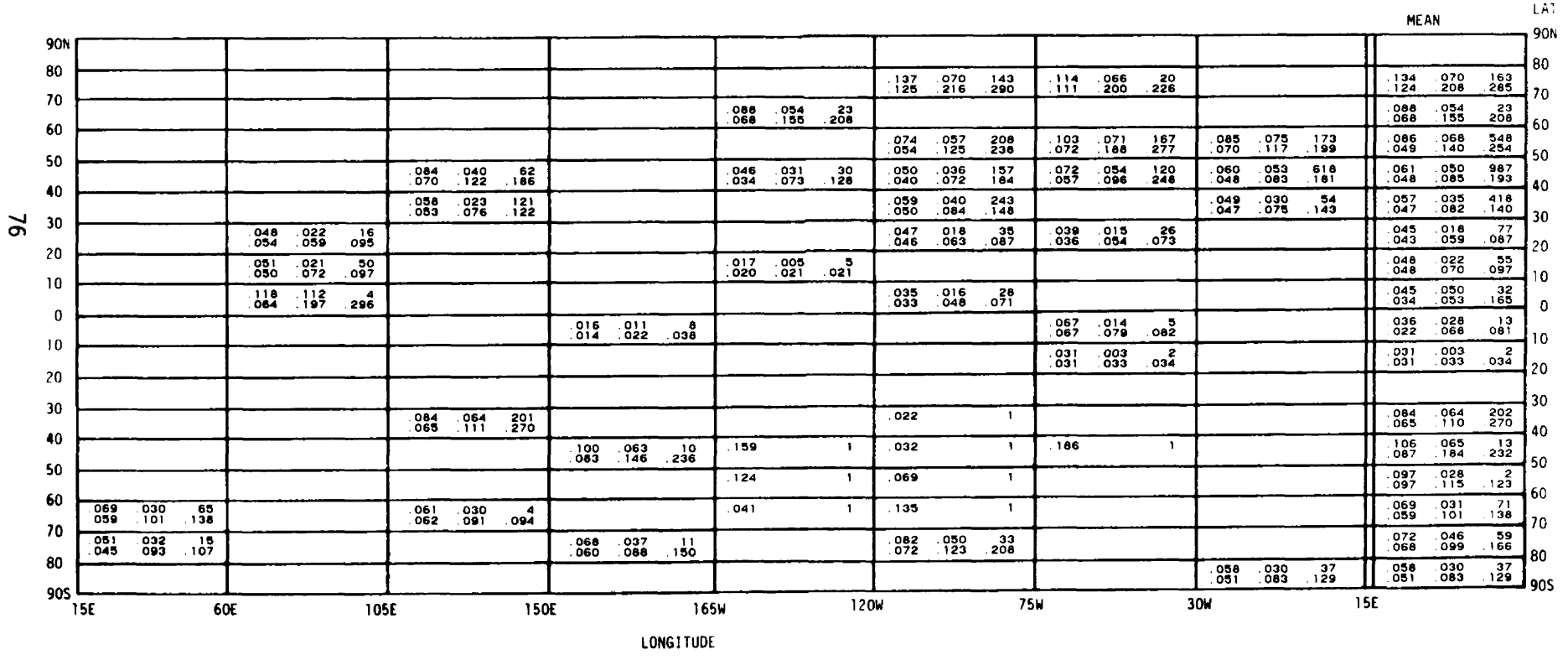
AUTUMN
FL 290



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

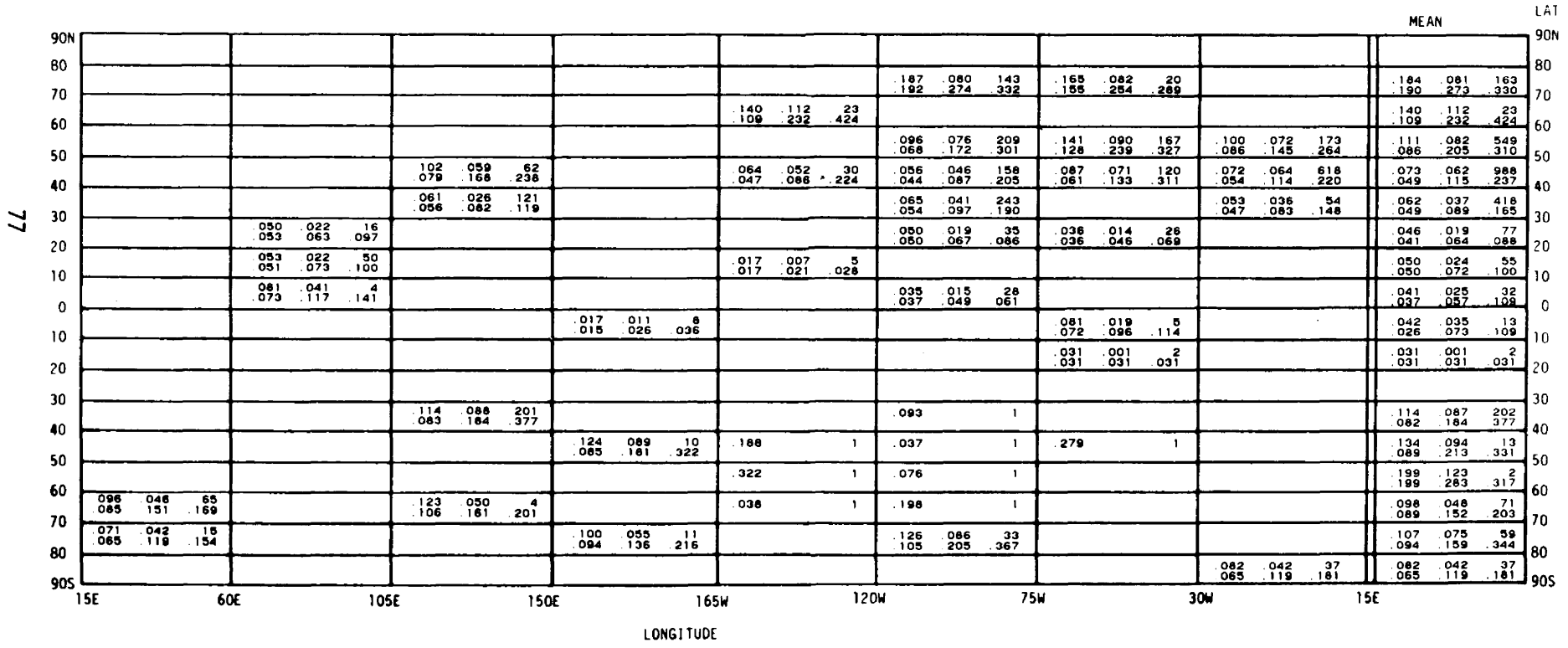
AUTUMN
FL 310



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

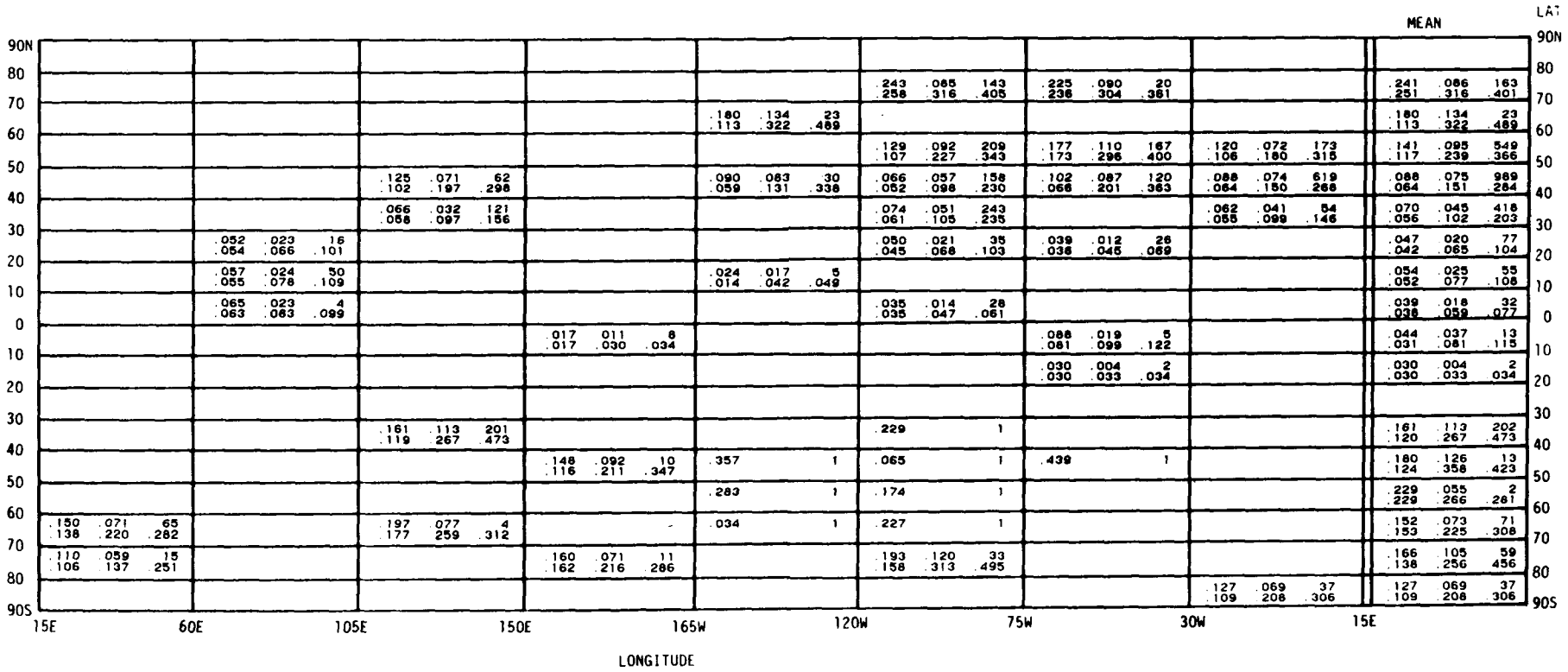
AUTUMN
FL 330



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUTUMN
FL 350



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUTUMN
FL 370

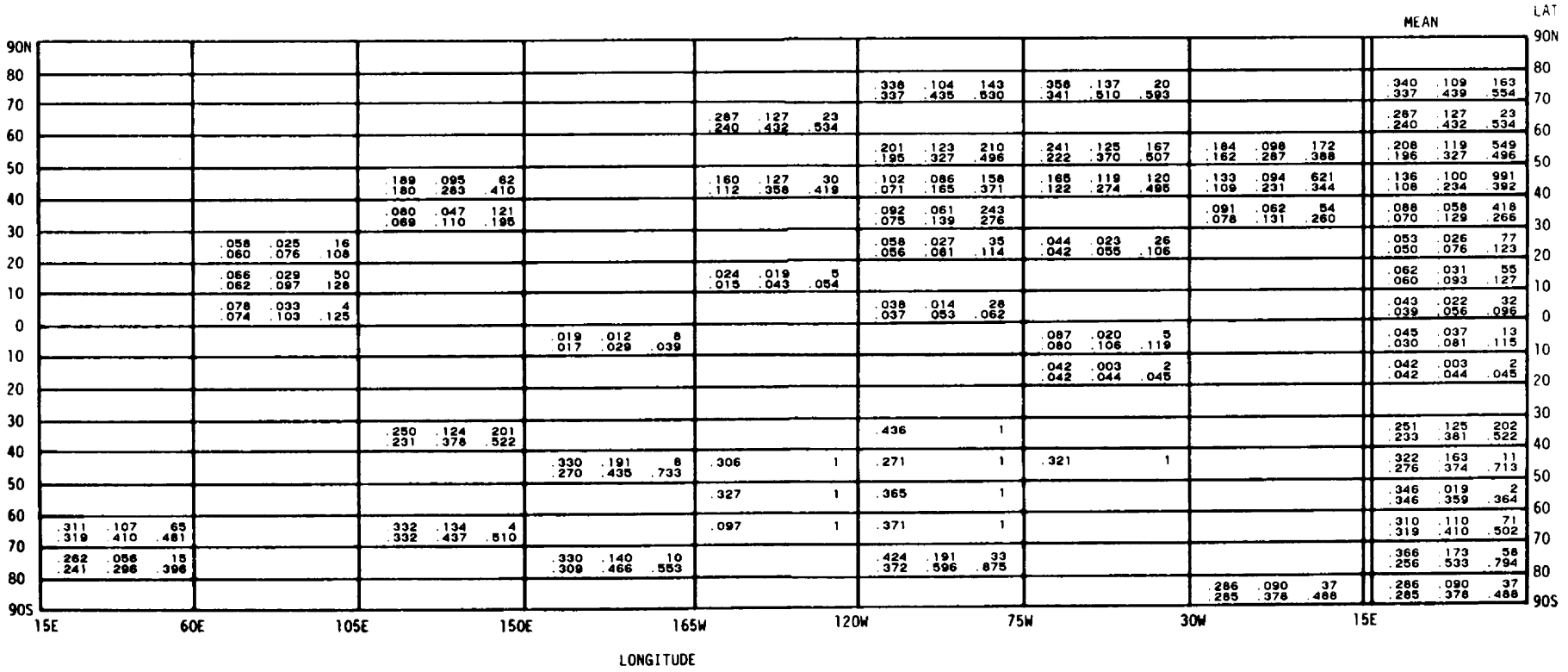
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
90N										
80						.293 .091 143 .298 .376 .462	.295 .120 20 .298 .413 .513			.293 .095 163 .298 .377 .469
70					.250 .163 23 .192 .389 .616					.250 .163 23 .192 .389 .616
60			.161 .084 62 .145 .241 .366		.117 .104 30 .083 .201 .403	.164 .106 209 .156 .275 .407	.209 .116 167 .209 .324 .436	.149 .084 173 .131 .236 .345		.173 .106 549 .157 .284 .413
50			.074 .041 121 .067 .104 .198			.082 .069 157 .063 .124 .291	.129 .101 120 .092 .217 .428	.109 .085 619 .083 .196 .303		.111 .087 988 .071 .196 .334
40		.055 .023 16 .057 .071 .104				.082 .055 243 .068 .119 .243		.075 .051 54 .065 .110 .193		.079 .051 418 .063 .112 .232
30		.061 .026 50 .059 .087 .118			.023 .017 5 .014 .044 .047	.055 .025 35 .049 .074 .114	.040 .016 26 .039 .052 .082			.050 .023 77 .046 .071 .111
20		.071 .028 4 .068 .092 .111				.038 .019 28 .035 .050 .085				.057 .028 55 .056 .083 .116
10				.018 .011 8 .017 .031 .035			.092 .023 5 .077 .114 .129			.042 .023 32 .036 .057 .112
0							.031 .006 2 .031 .035 .037			.046 .040 13 .032 .079 .125
10										.031 .006 2 .031 .035 .037
20										
30			.209 .118 201 .181 .332 .481			.375 1				.210 .118 202 .182 .333 .481
40				.199 .134 10 .154 .262 .495	.282 1	.112 1	.398 1			.214 .134 13 .175 .291 .510
50					.244 1	.286 1				.265 .021 2 .265 .279 .285
60	.225 .097 65 .239 .320 .427		.264 .102 4 .256 .341 .406		.043 1	.381 1				.227 .101 71 .240 .323 .428
70	.177 .061 15 .168 .218 .305			.237 .118 11 .216 .367 .437		.305 .158 33 .278 .440 .657				.260 .143 59 .218 .404 .594
80								.192 .079 37 .183 .259 .355		.192 .079 37 .183 .259 .355
90S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

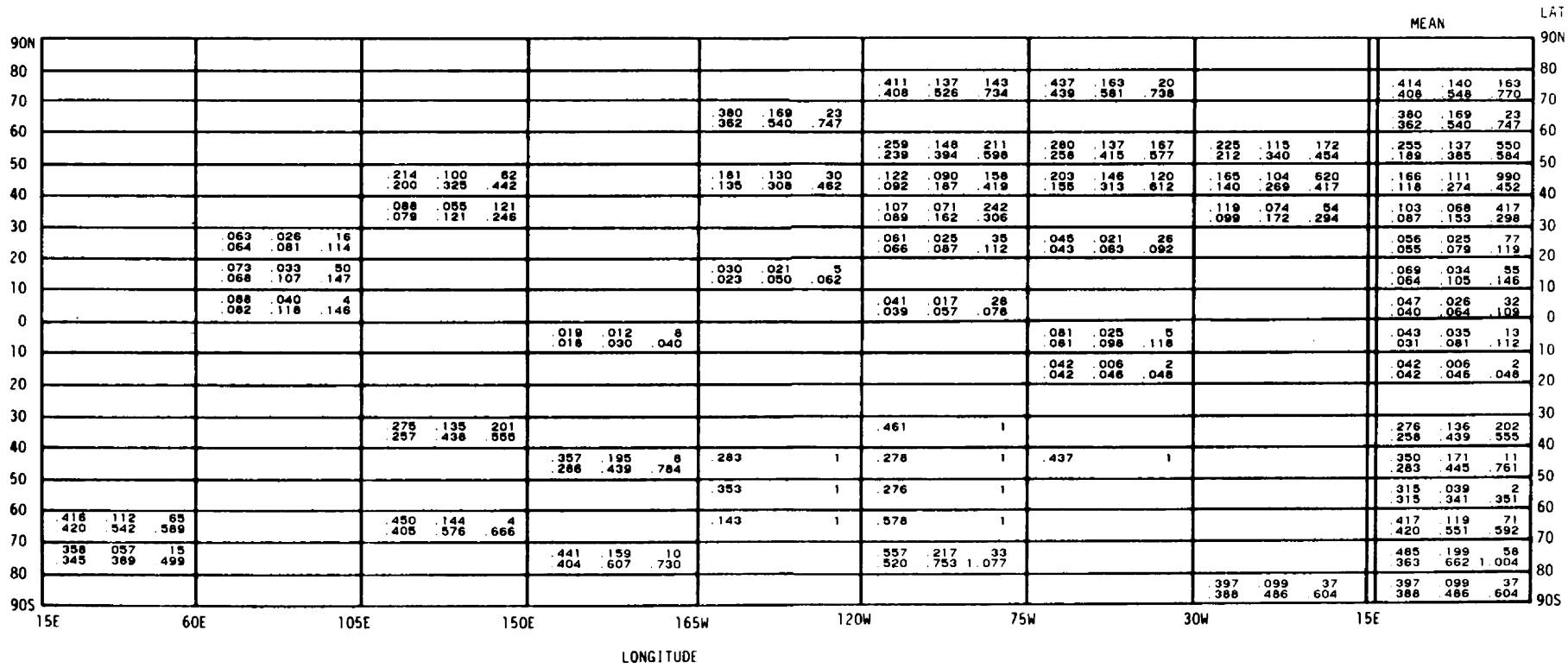
AUTUMN
FL 390



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

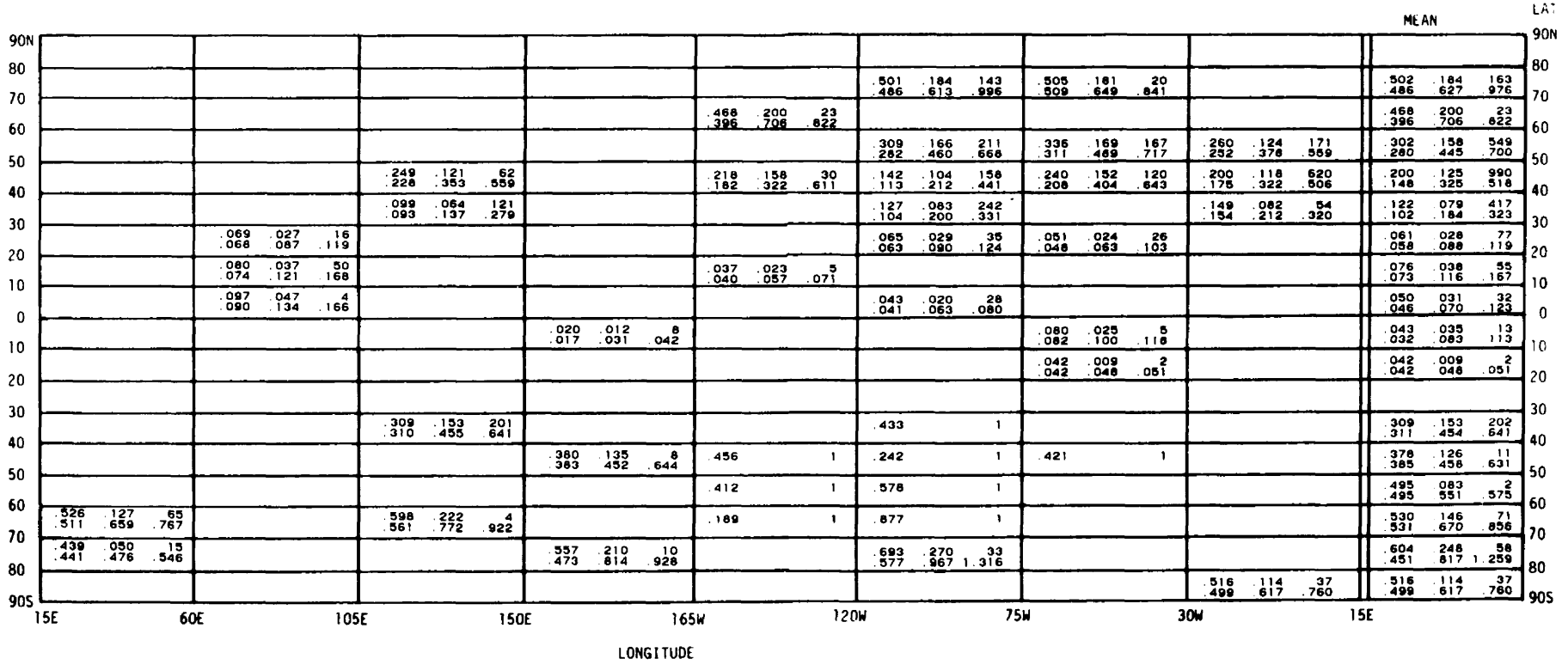
AUTUMN
FL 410



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

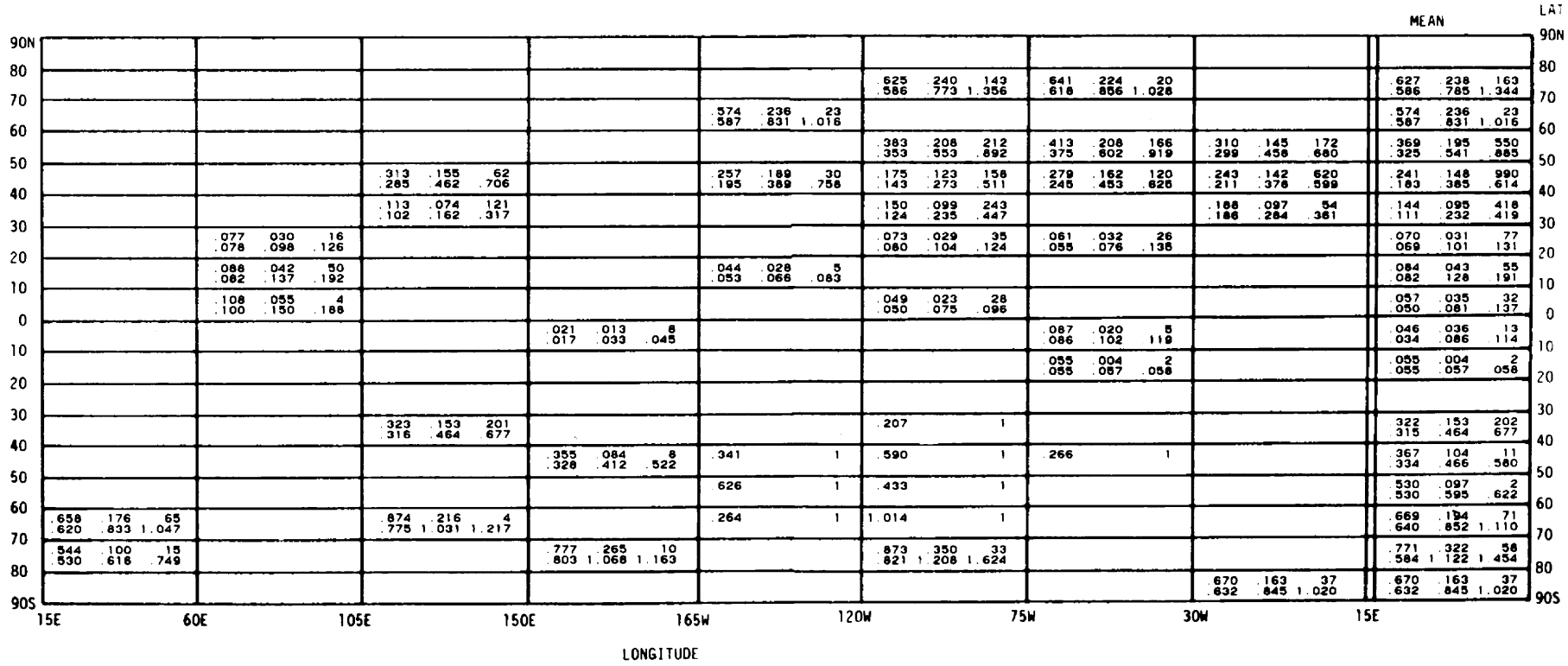
AUTUMN
FL 430



AUTUMN
FL 450

CODE:

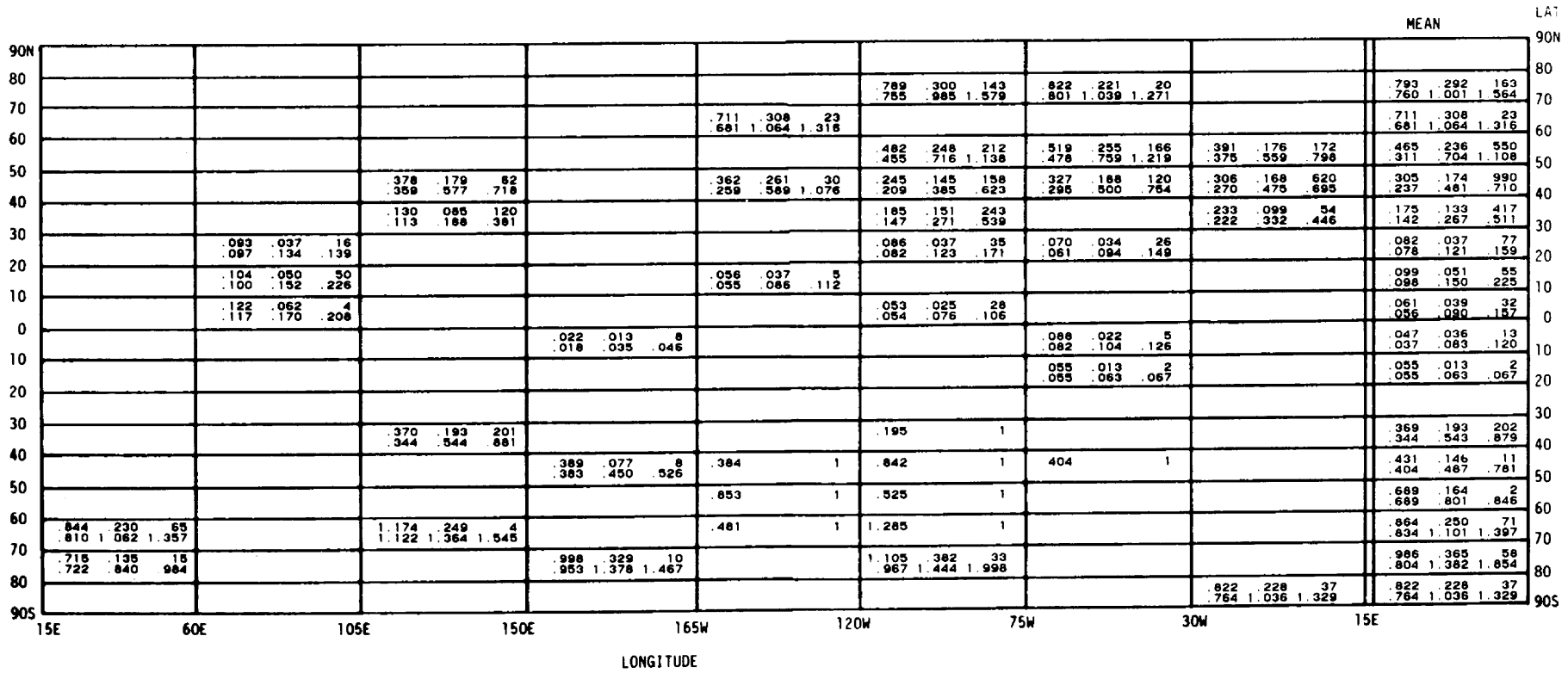
MEAN	ST. DEV.	N
50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

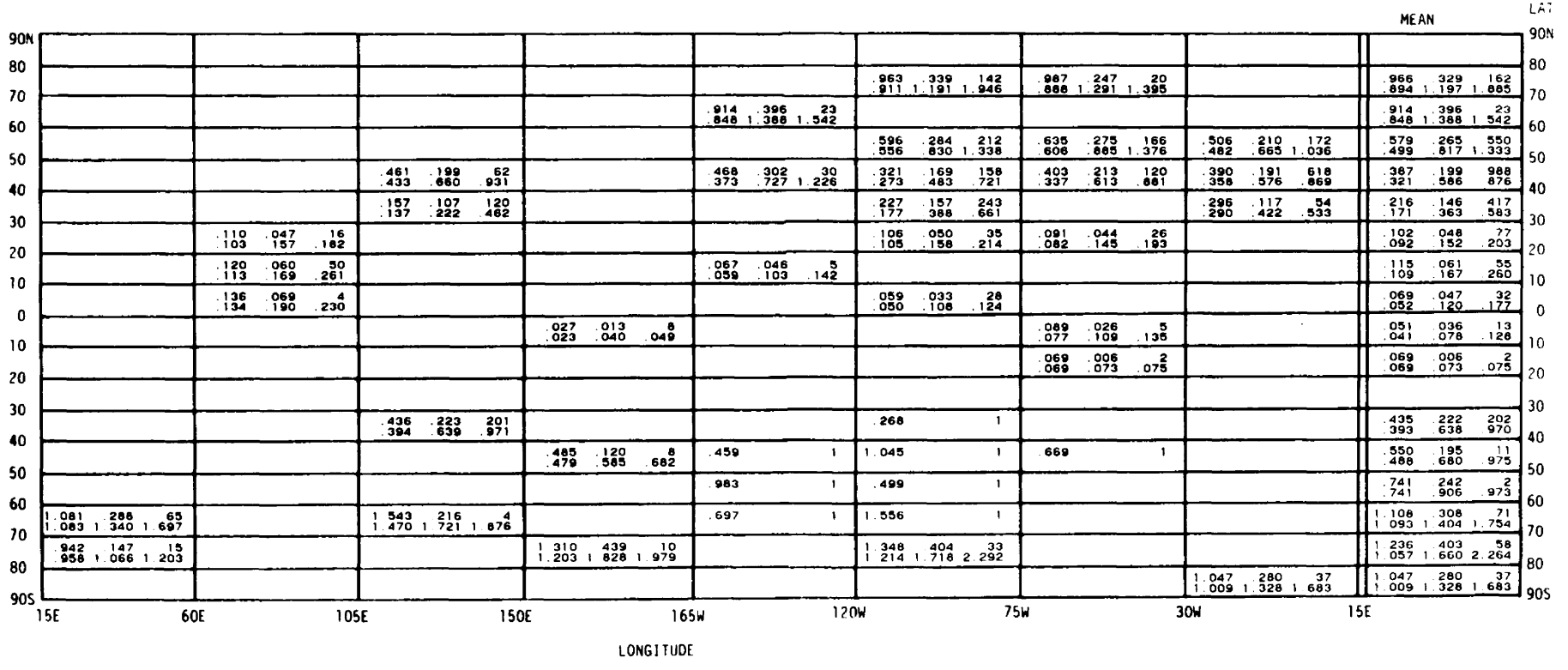
AUTUMN
FL 470



AUTUMN
FL 490

CODE:

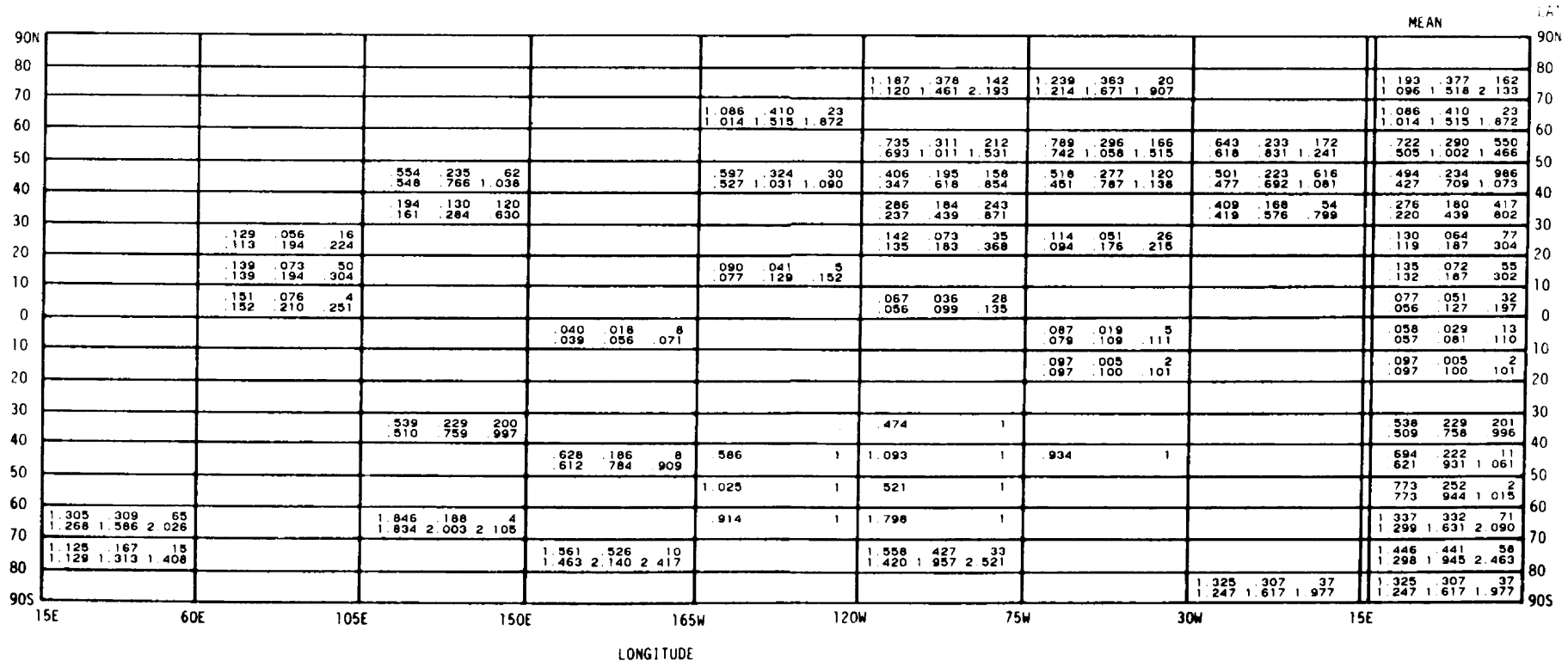
MEAN	ST. DEV.	N
50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

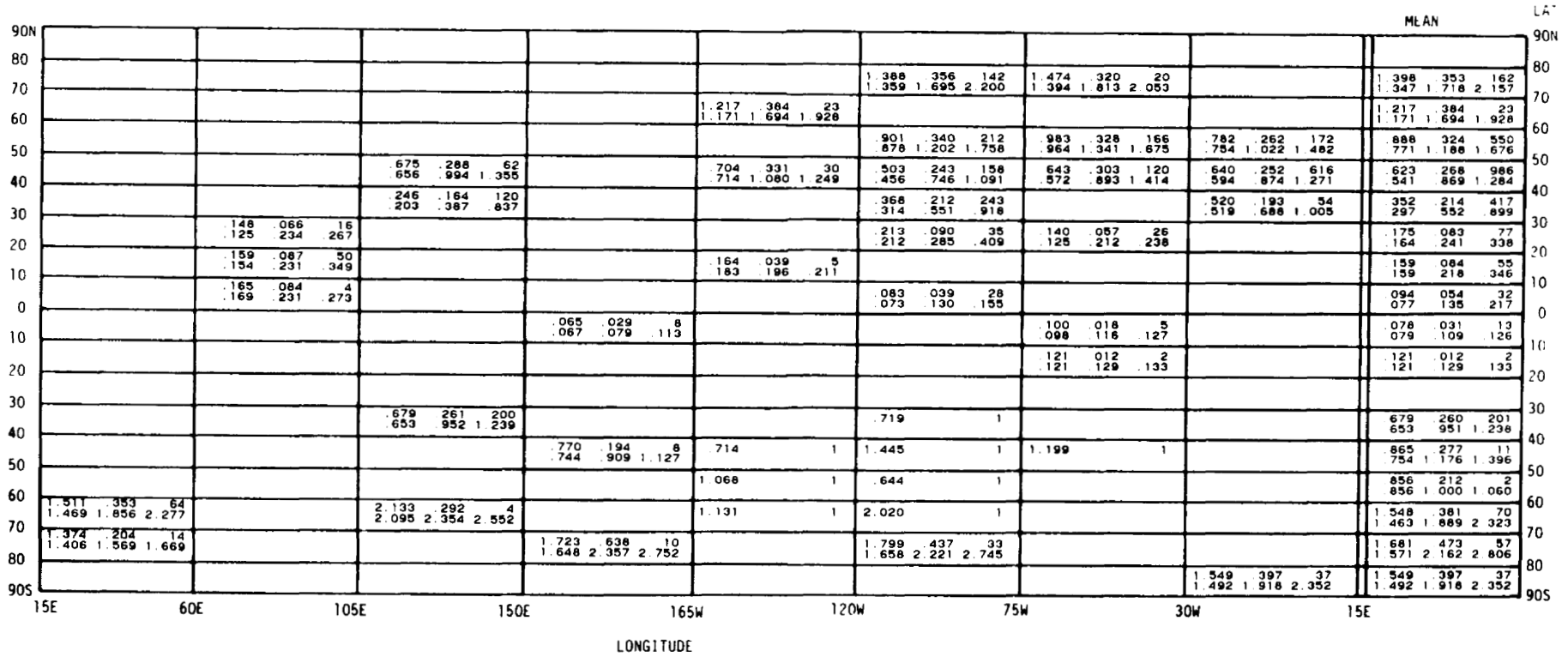
AUTUMN
FL 510



AUTUMN
FL 530

CODE:

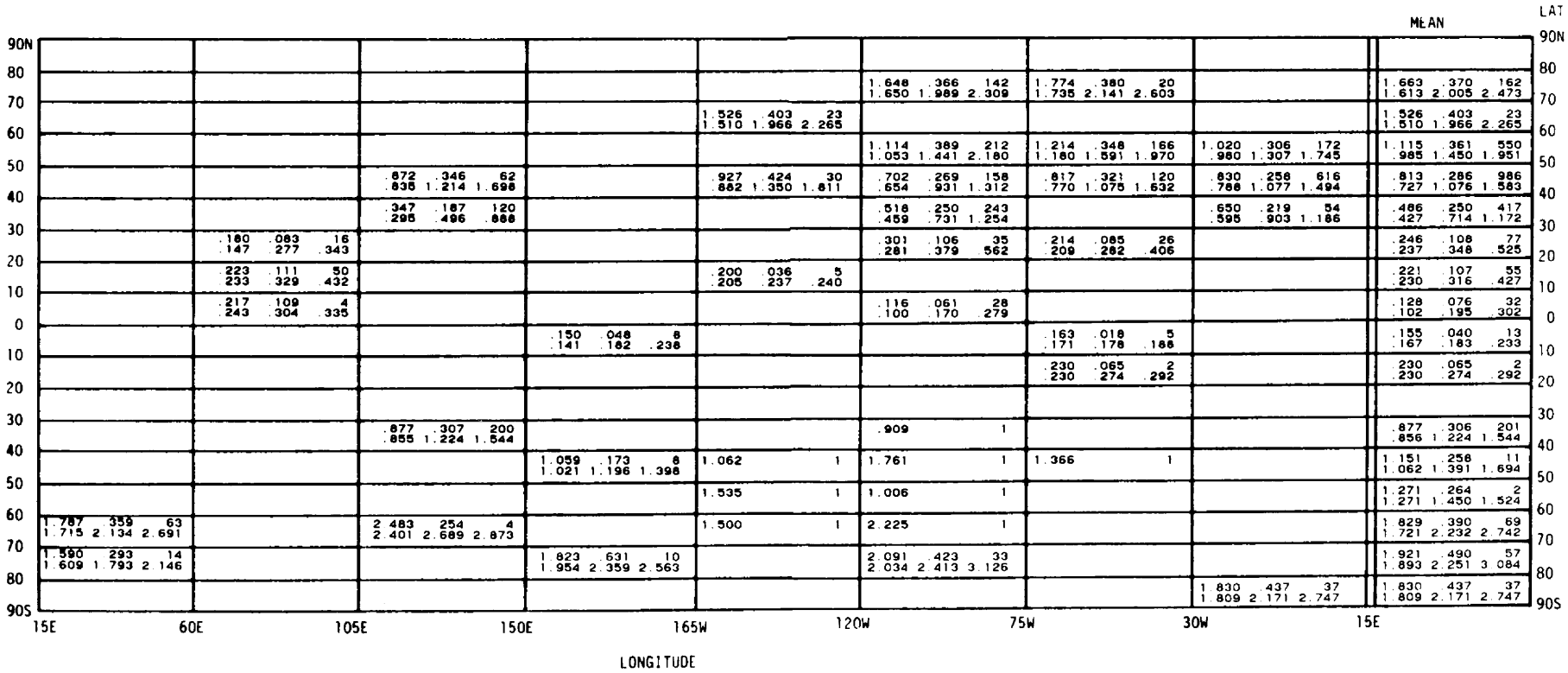
MEAN	ST. DEV.	N
50%	84%	98%



AUTUMN
FL 550

CODE:

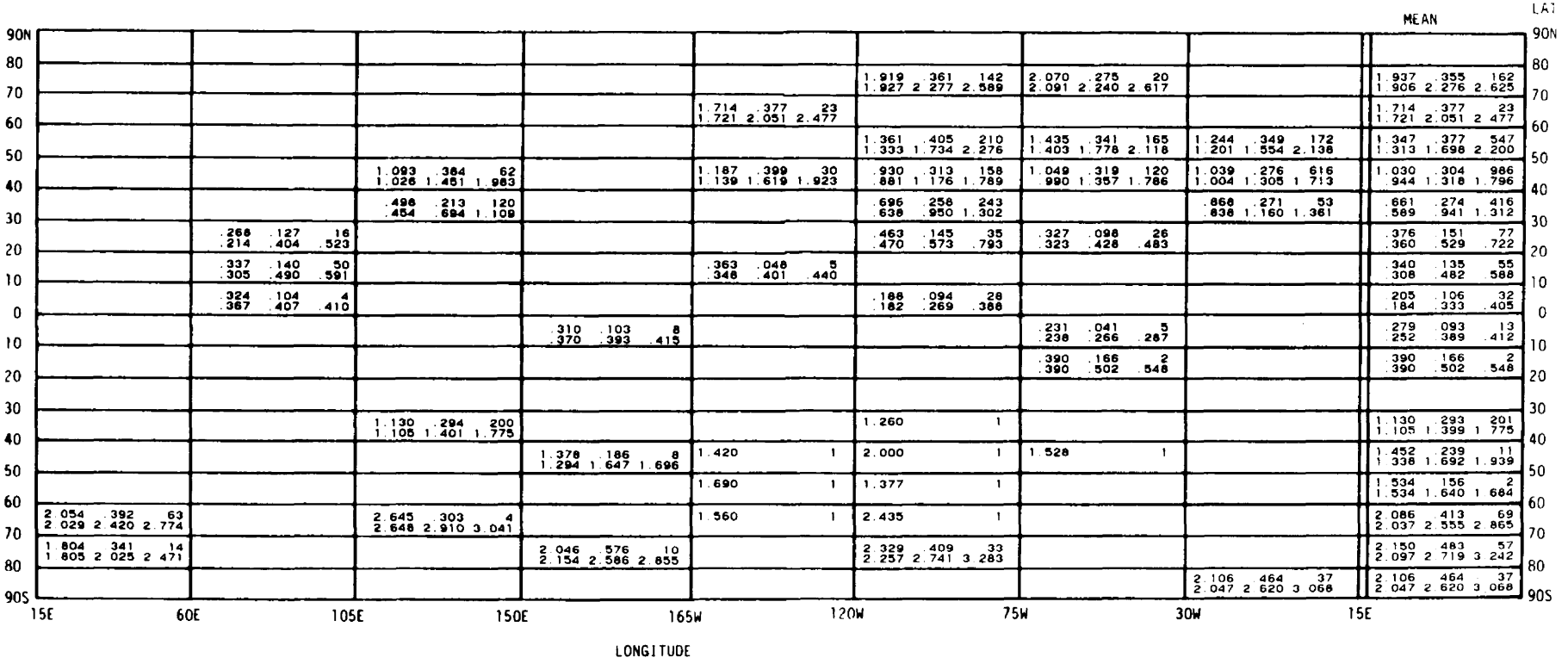
MEAN	ST. DEV.	N
50%	84%	98%



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

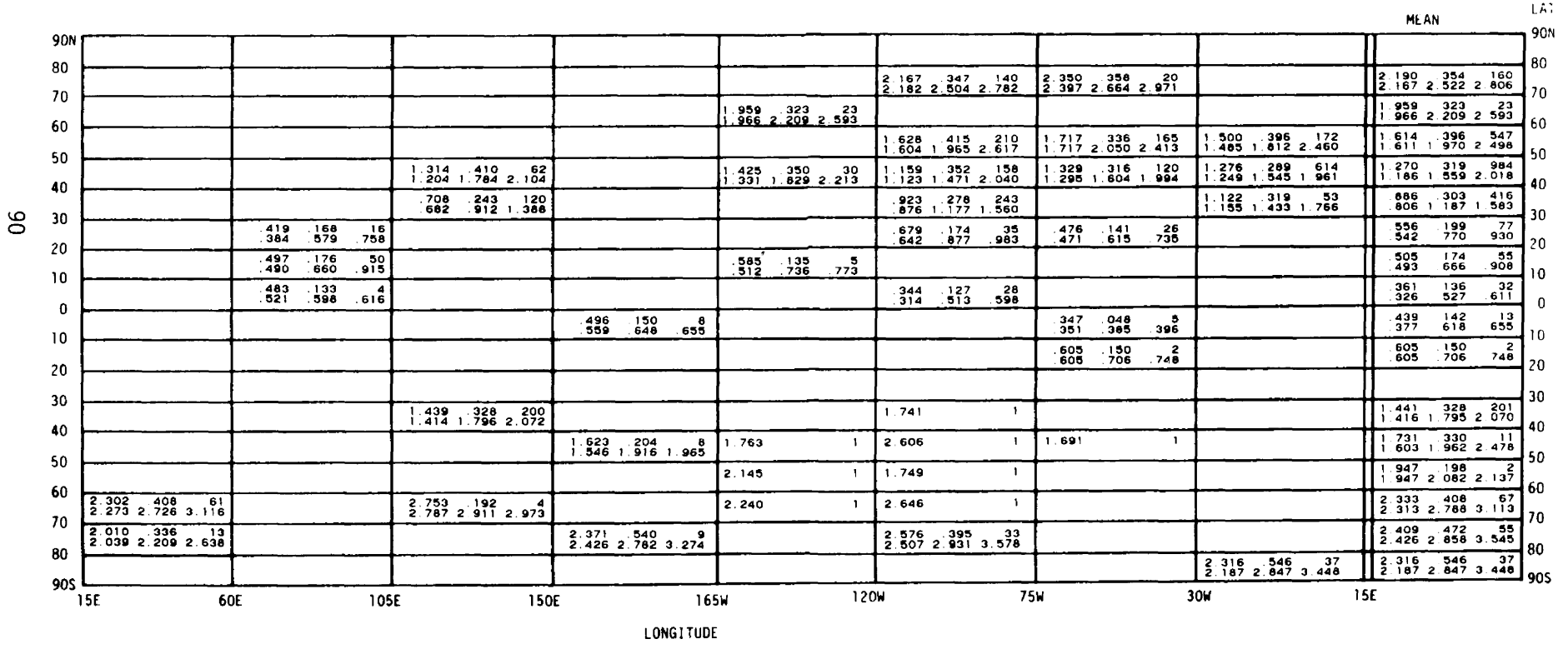
AUTUMN
FL 570



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUTUMN
FL 590



APPENDIX B - TABLES OF OZONESONDE DATA BY MONTH; 5° LATITUDE BY 45° LONGITUDE BY 2000 FT ALTITUDE INTERVALS

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.046 .038 .015 .060 5 .071					.046 .038 .015 .060 5 .071
60						.036 .032 .013 .046 33 .066				.036 .032 .013 .046 33 .066
55						.044 .042 .013 .050 39 .074	.039 .037 .014 .048 69 .081	.037 .035 .016 .048 35 .077		.040 .038 .015 .049 143 .092
50								.045 .041 .017 .059 135 .089		.045 .041 .017 .059 135 .089
45			.045 .044 .009 .050 19 .068		.027 .028 .007 .033 12 .037	.032 .032 .007 .040 12 .044	.057 .041 .119 .059 65 .082	.035 .035 .010 .045 136 .054		.041 .033 .063 .048 244 .067
40						.038 .038 .014 .052 113 .061		.039 .040 .008 .046 24 .050		.039 .039 .013 .051 137 .060
35			.045 .042 .012 .054 21 .070			.026 .023 .010 .036 27 .047				.034 .034 .014 .047 48 .064
30		.030 .026 .012 .037 15 .054	.048 .049 .012 .058 24 .073			.037 .033 .015 .053 29 .070				.039 .035 .015 .054 68 .071
25										
20		.035 .038 .017 .051 10 .061					.024 .022 .010 .035 12 .038			.029 .025 .015 .041 22 .059
15										
10		.021 .021 .015 .031 2 .035				.023 .021 .009 .028 6 .041				.023 .021 .011 .035 8 .042
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.040 .040 .013 .054 57 .066				.017 .017 .010 .024 5 .034			.038 .038 .014 .053 62 .066
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 210

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.045 .038 .011 .058 5 .060					.045 .038 .011 .058 5 .060
60						.039 .033 .016 .054 33 .072				.039 .033 .016 .054 33 .072
55						.045 .044 .012 .054 39 .075	.042 .039 .016 .049 69 .083	.036 .037 .017 .050 37 .068		.041 .040 .016 .052 145 .092
50								.048 .044 .021 .065 135 .108		.048 .044 .021 .065 135 .108
45			.049 .046 .014 .053 19 .091		.029 .026 .013 .036 12 .057	.036 .033 .010 .047 12 .054	.059 .041 .119 .063 65 .102	.036 .035 .011 .047 136 .061		.043 .034 .063 .051 244 .077
40						.040 .039 .015 .054 113 .078		.041 .041 .008 .049 24 .053		.041 .040 .014 .053 137 .075
35			.049 .048 .017 .057 21 .093			.029 .026 .013 .037 27 .058				.037 .031 .018 .051 48 .071
30		.031 .026 .012 .041 15 .053	.048 .049 .010 .056 24 .072			.035 .031 .016 .048 29 .078				.039 .036 .015 .053 68 .073
25										
20		.040 .042 .018 .053 10 .067					.025 .020 .012 .038 12 .047			.031 .025 .017 .046 22 .064
15										
10		.021 .021 .016 .031 2 .035				.024 .021 .009 .029 6 .042				.023 .021 .011 .035 8 .043
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.043 .043 .014 .055 57 .073				.019 .019 .008 .025 5 .029			.041 .042 .015 .055 62 .073
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 230

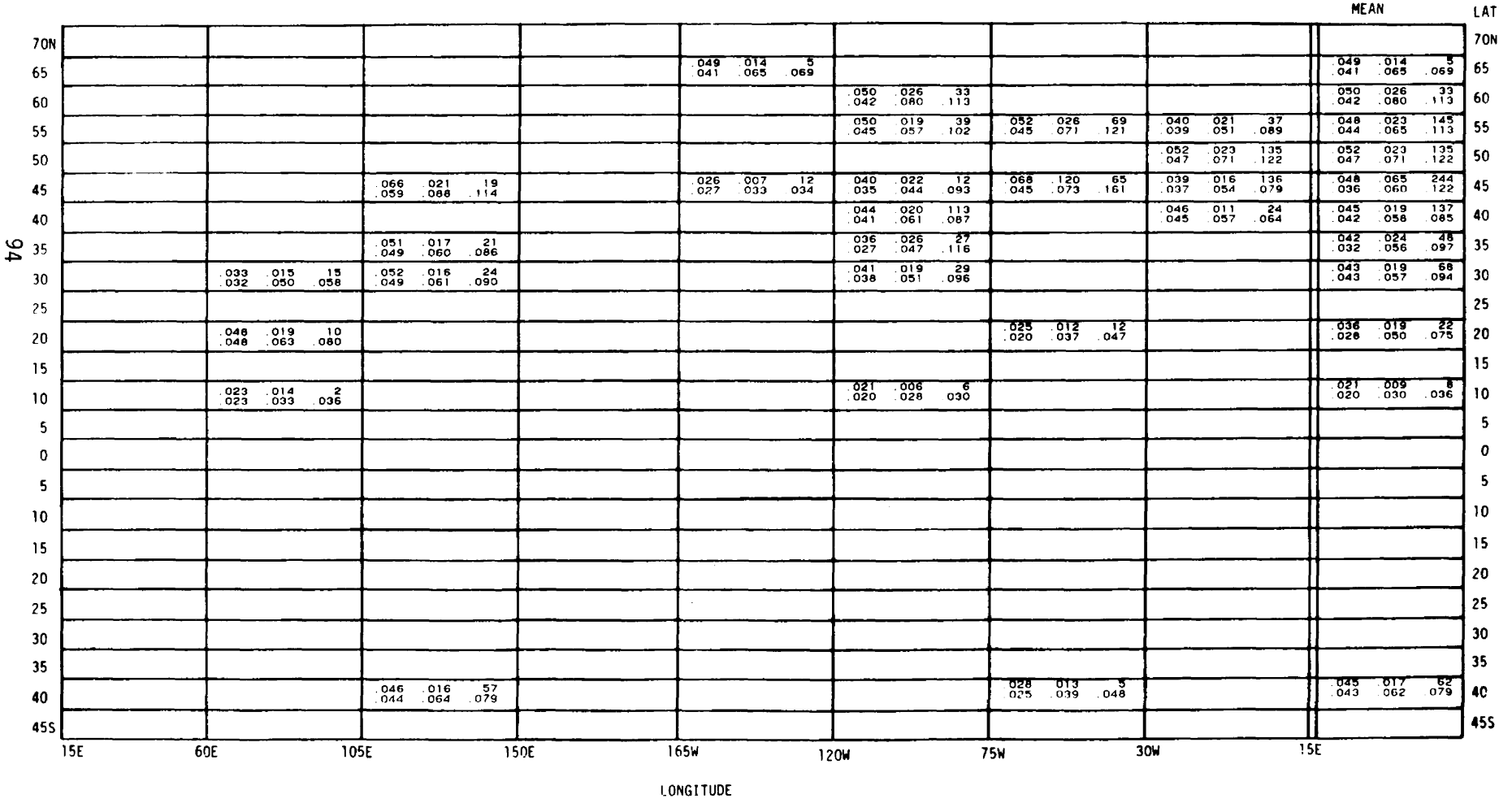
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.049 .038 .020 .063 5 .084					.049 .038 .020 .063 5 .084
60						.043 .034 .019 .066 33 .082				.043 .034 .019 .066 33 .082
55						.046 .044 .012 .057 39 .073	.047 .043 .019 .061 69 .093	.038 .039 .018 .049 37 .078		.044 .042 .018 .057 145 .083
50								.049 .046 .021 .066 135 .110		.049 .046 .021 .066 135 .110
45			.054 .050 .011 .061 19 .082		.029 .025 .018 .032 12 .073	.039 .038 .015 .049 12 .068	.061 .043 .119 .069 65 .094	.037 .036 .014 .049 136 .074		.044 .035 .063 .054 244 .083
40						.042 .039 .016 .056 113 .080		.043 .043 .010 .052 24 .058		.042 .040 .015 .054 137 .077
35			.048 .046 .014 .058 21 .073			.033 .030 .024 .040 27 .098				.040 .034 .021 .054 48 .078
30		.031 .030 .012 .046 15 .052	.049 .048 .012 .056 24 .079			.038 .036 .017 .049 29 .078				.040 .040 .016 .052 68 .082
25										
20		.045 .045 .020 .063 10 .074					.029 .029 .013 .039 12 .055			.036 .028 .018 .054 22 .071
15										
10		.021 .021 .016 .032 2 .036				.022 .022 .006 .025 6 .034				.022 .022 .010 .034 8 .037
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.044 .043 .017 .061 57 .091				.024 .024 .010 .033 5 .038			.043 .041 .018 .056 62 .089
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

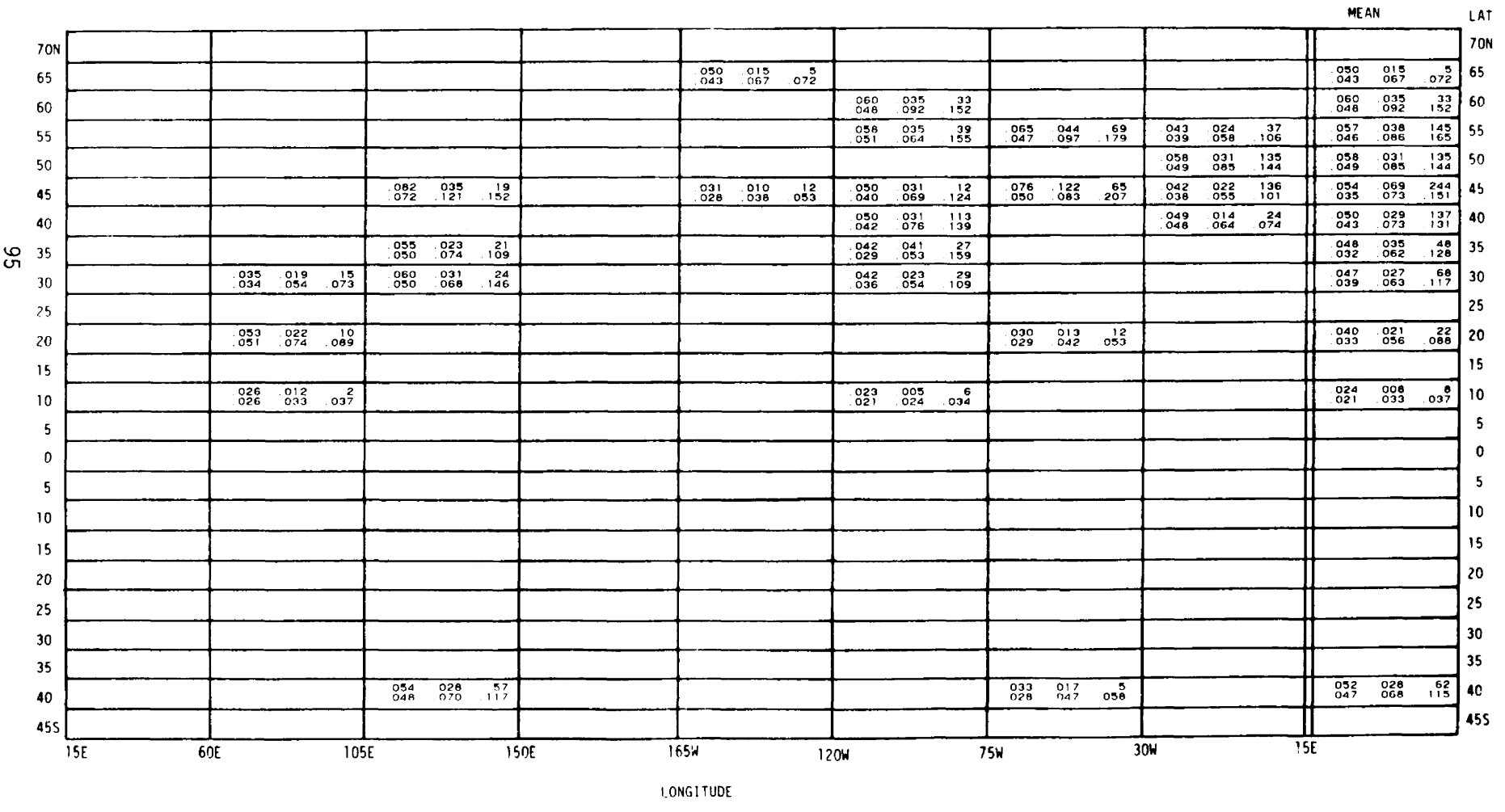
JANUARY
FL 250



JANUARY
FL 270

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

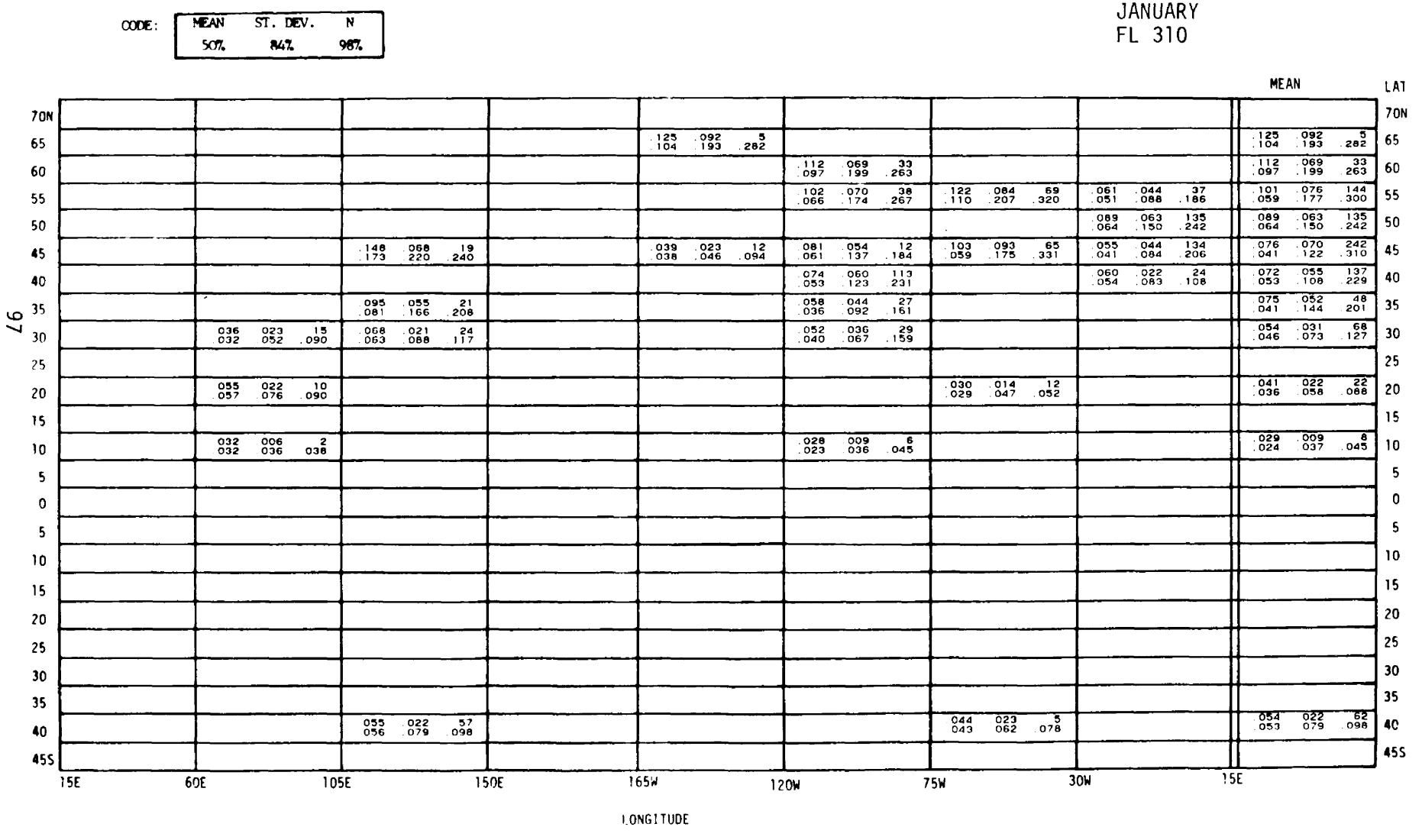


JANUARY
FL 290

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.067 .045 .039 .101 5 .134					.067 .045 .039 .101 5 .134
60						.077 .069 .052 .110 33 .217				.077 .069 .052 .110 33 .217
55						.076 .056 .050 .114 38 .206	.089 .061 .061 .150 69 .237	.046 .042 .030 .066 37 .124		.074 .050 .055 .122 144 .215
50								.070 .054 .043 .107 134 .184		.070 .054 .043 .107 134 .184
45			.106 .088 .048 .166 19 .188		.033 .028 .015 .042 12 .068	.067 .059 .048 .089 12 .176	.092 .053 .130 .157 65 .281	.045 .038 .032 .063 136 .147		.063 .037 .077 .088 244 .227
40						.058 .045 .043 .083 113 .186		.052 .051 .017 .069 24 .087		.057 .046 .040 .079 137 .178
35			.068 .065 .033 .092 21 .150			.047 .035 .035 .052 27 .142				.056 .037 .035 .089 48 .168
30		.036 .034 .023 .056 15 .086	.065 .056 .026 .078 24 .137			.047 .039 .031 .052 29 .141				.051 .036 .030 .072 68 .138
25										
20		.052 .053 .018 .067 10 .080					.026 .021 .014 .043 12 .051			.038 .030 .021 .056 22 .077
15										
10		.029 .029 .009 .035 2 .038				.025 .023 .008 .028 6 .040				.026 .023 .008 .036 8 .041
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.055 .052 .025 .075 57 .097				.037 .031 .020 .055 5 .068			.054 .052 .025 .074 62 .096
45S										

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
JANUARY
FL 310
MEAN
LAT
70N
65
60
55
50
45
40
35
30
25
20
15
10
5
0
5
10
15
20
25
30
35
40
45S
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE
97

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 330

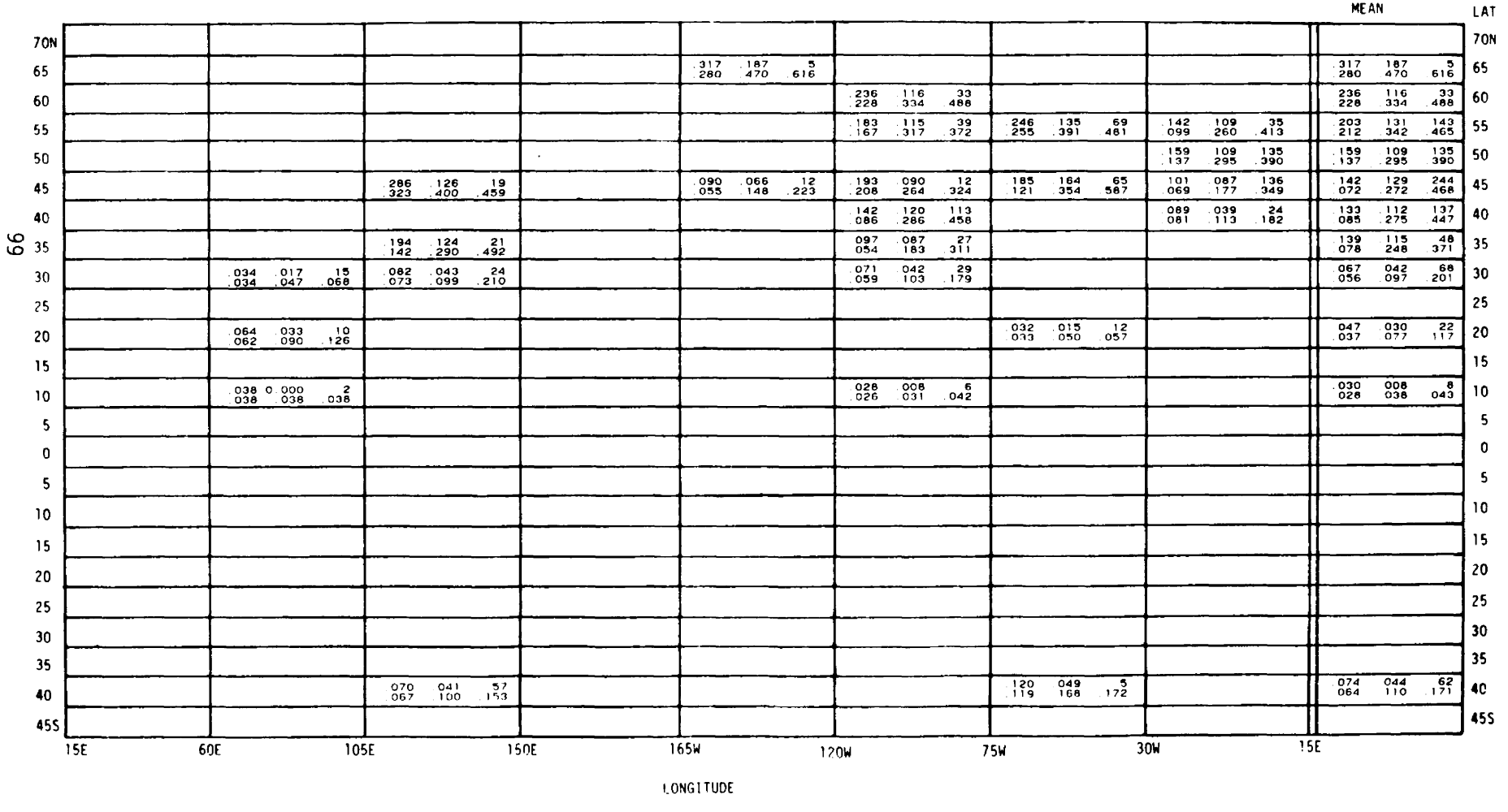
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.221 .161 .157 .339 5 490					.221 .161 .157 .339 5 490
60						.173 .156 .096 .266 33 .372				.173 .156 .096 .266 33 .372
55						.131 .115 .089 .225 39 .304	.177 .165 .106 .307 69 .363	.093 .064 .075 .152 36 .276		.144 .097 .101 .259 144 .349
50								.119 .092 .082 .219 135 .296		.119 .092 .082 .219 135 .296
45			.208 .229 .097 .303 19 .340		.049 .044 .039 .052 12 .147	.132 .138 .081 .218 12 .255	.137 .080 .120 .255 65 .422	.071 .045 .065 .123 135 .265		.101 .060 .097 .195 243 .399
40						.104 .063 .093 .203 113 .351		.068 .062 .027 .096 24 .121		.098 .062 .086 .179 137 .338
35			.134 .118 .085 .232 21 .319			.081 .053 .068 .157 27 .253				.105 .051 .080 .194 48 .282
30		.034 .031 .020 .050 15 .078	.077 .074 .034 .093 24 .170			.057 .045 .045 .073 29 .204				.059 .048 .040 .084 68 .206
25										
20		.059 .061 .030 .080 10 .117					.030 .031 .014 .046 12 .050			.043 .039 .027 .067 22 .108
15										
10		.035 .035 .003 .037 2 .038				.026 .024 .013 .031 6 .049				.028 .025 .012 .037 8 .050
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.059 .057 .030 .087 57 .119				.060 .073 .032 .090 5 .093			.059 .056 .030 .088 62 119
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 350



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 370

100

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.428 .123 5 .403 .542 .610					.428 .123 5 .403 .542 .610
60						.330 .139 33 .312 .468 .588				.330 .139 33 .312 .459 .588
55						.252 .151 39 .233 .432 .503	.334 .152 69 .348 .465 .623	.219 .145 35 .181 .347 .559		.284 .158 143 .287 .436 .607
50								.221 .128 136 .221 .358 .490		.221 .128 136 .221 .358 .490
45			.376 .133 19 .394 .491 .593		.149 .103 12 .104 .218 .383	.290 .145 12 .295 .419 .548	.248 .193 65 .206 .419 .777	.148 .114 136 .118 .253 .467		.200 .158 244 .123 .376 .562
40						.188 .150 113 .144 .358 .562		.116 .051 24 .114 .176 .218		.175 .141 137 .128 .302 .538
35			.239 .130 21 .212 .356 .561			.113 .094 27 .080 .188 .360				.168 .127 48 .102 .269 .444
30		.034 .014 15 .035 .045 .063	.078 .024 24 .078 .099 .129			.086 .058 29 .065 .137 .230				.072 .046 68 .060 .107 .219
25										
20		.073 .039 10 .085 .104 .142					.042 .014 12 .043 .056 .065			.056 .032 22 .046 .087 .132
15										
10		.042 .003 2 .042 .043 .044				.028 .007 6 .027 .035 .036				.031 .008 8 .032 .039 .043
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.062 .049 57 .075 .116 .200				.171 .095 5 .135 .280 .282			.089 .059 62 .076 .138 .269
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.441 .481 .121 .525 5 .591					.441 .481 .121 .525 5 .591
60						.414 .356 .178 .628 33 .780				.414 .356 .178 .628 33 .780
55						.344 .334 .185 .574 39 .738	.425 .413 180 615 69 .885	.296 .272 .139 .441 35 .582		.371 .351 .181 .540 143 .759
50								.291 .295 .150 .450 138 .572		.291 .295 .150 .450 138 .572
45			.499 .478 .162 .619 19 .812		.217 .221 .117 .302 12 .464	.335 .318 .116 .473 12 .546	.333 .268 .231 .550 65 .854	.204 .174 .139 .331 136 .579		.268 .181 .191 .457 244 .773
40						.228 .164 .178 .407 113 .657		.146 .133 .066 .210 24 .282		.214 .161 .167 .346 137 .651
35			.279 .241 .111 .426 21 .495			.141 .100 .103 .206 27 .412				.201 .137 .127 .324 48 .480
30		.036 .036 .012 .047 15 .060	.082 .084 .026 .100 24 .140			.114 .086 .082 .212 29 .293				.086 .064 .063 .121 68 .270
25										
20		.081 .077 .045 .123 10 .161					.047 .045 .020 .070 12 .083			.062 .050 .038 .092 22 .152
15										
10		.046 .046 .007 .051 2 .053				.030 .031 .007 .033 6 .042				.034 .031 .010 .043 8 .052
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.097 .082 .062 .155 57 .259				189 180 114 293 5 .362			.105 .082 .072 .180 62 .264
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.500 .189 5 .595 .634 .642					.500 .189 5 .595 .634 .642
60						.527 .204 33 .482 .736 .937				.527 .204 33 .482 .736 .937
55						.437 .188 39 .434 .635 .798	.535 .210 69 .531 .709 1.006	.395 .149 35 .367 .544 .709		.474 .200 143 .474 .648 .907
50								.376 .191 140 .349 .565 .742		.376 .191 140 .349 .565 .742
45			.632 .240 19 .619 .866 1.059		.297 .182 12 .300 .430 .655	.438 .120 12 .418 .584 .637	.424 .298 65 .360 .648 1.307	.287 .163 136 .270 .442 .721		.359 .236 244 .258 .551 1.048
40						.278 .211 113 .210 .474 .820		.197 .106 24 .165 .285 .463		.264 .199 137 .204 .433 .804
35			.335 .169 21 .310 .430 .749			.179 .109 27 .127 .289 .428				.248 .159 48 .170 .359 .717
30		.046 .017 15 .044 .065 .075	.084 .026 24 .083 .106 .143			.140 .094 29 .097 .271 .323				.100 .074 68 .070 .127 .315
25										
20		.090 .052 10 .088 .136 .180					.055 .019 12 .054 .074 .085			.071 .041 22 .057 .113 .170
15										
10		.057 .018 2 .057 .068 .073				.030 .007 6 .032 .034 .036				.037 .016 8 .033 .039 .069
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.120 .071 57 .107 .191 .283				.221 .092 5 .232 .313 .326			.128 .078 62 .106 .217 .300
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 430

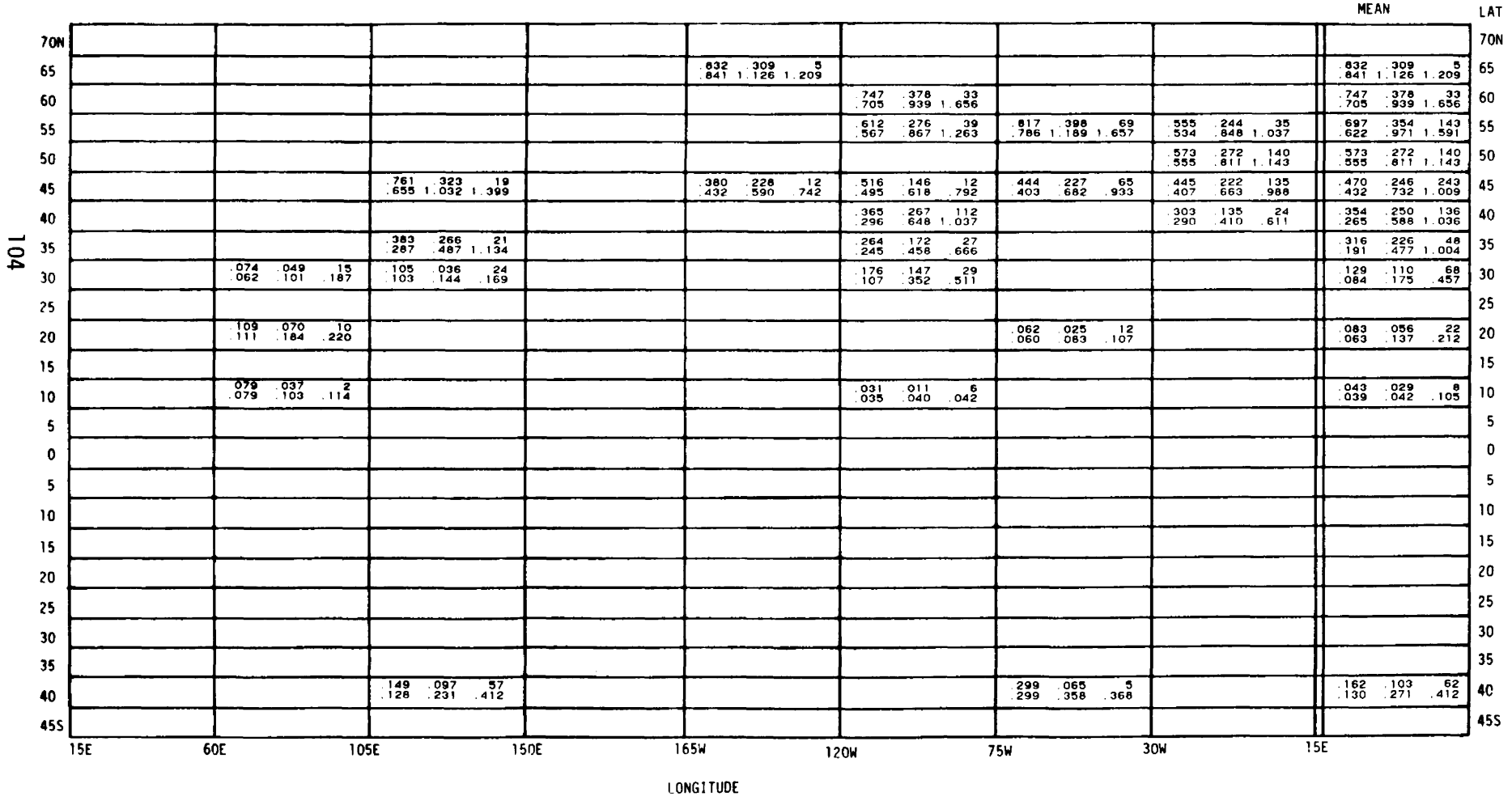
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.606 .704 .269 .822 5 898					.606 .704 .269 .822 5 898
60						.642 .553 .303 .921 33 1.321				.642 .553 .303 .921 33 1.321
55						.547 .566 .236 .761 39 1.058	.680 .682 .284 .918 69 1.234	.475 .456 .191 .671 35 .826		.593 .587 .266 .843 143 1.214
50								.469 .446 .245 .703 140 946		.469 .446 .245 .703 140 946
45			.697 .671 .296 1.010 19 1.356		.375 .393 .229 .606 12 697	.494 .493 .129 .620 12 691	.443 .331 .310 .765 65 1.361	.364 .339 .185 .527 136 795		.418 .306 .251 .637 244 1.207
40						.328 .261 .238 .546 113 .962		.245 .209 .110 .361 24 470		.313 .248 .223 .487 137 935
35			.380 .365 .206 .497 21 929			.233 .205 .126 .333 27 507				.297 .233 .181 .408 48 920
30		.057 .049 .031 .084 15 123	.092 .088 .031 .123 24 160			.156 .094 .116 .316 29 401				.112 .078 .089 .136 68 351
25										
20		.099 .100 .060 .157 10 199					.062 .059 .024 .092 12 101			.078 .061 .048 .125 22 191
15										
10		.067 .067 .028 .086 2 094				.032 .033 .009 .040 6 043				.041 .035 .022 .043 8 088
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.136 .119 .076 .231 57 268				.261 .284 .086 .341 5 362			.146 .124 .084 .238 62 323
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 450



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					1.163 .248 5 .980 1.441 1.520					1.163 .248 5 .980 1.441 1.520	65
60						.913 .380 33 .803 1.343 1.731				.913 .380 33 .803 1.343 1.731	60
55						.723 .338 39 .652 1.037 1.499	.959 .457 69 .893 1.433 1.935	.686 .321 35 .585 .991 1.354		.828 .417 143 .769 1.291 1.777	55
50								.674 .324 140 .620 1.010 1.380		.674 .324 140 .620 1.010 1.380	50
45			.895 .396 19 .939 1.262 1.712		.467 .229 12 .557 .668 .764	.638 .257 12 .681 .912 .950	.546 .311 65 .516 .776 1.522	.526 .265 135 .479 .755 1.153		.563 .305 243 .529 .833 1.370	45
40						.421 .317 112 .336 .668 1.329		.338 .157 24 .292 .473 .680		.406 .297 136 .299 .650 1.195	40
35			.435 .357 21 .328 .605 1.456			.305 .203 27 .233 .523 .737				.362 .288 48 .206 .554 1.281	35
30		.106 .090 15 .090 .146 .324	.120 .042 24 .123 .148 .203			.202 .155 29 .134 .389 .559				.152 .120 68 .109 .201 .488	30
25											25
20		.126 .082 10 .120 .220 .253					.069 .041 12 .061 .087 .164			.095 .069 22 .055 .174 .244	20
15											15
10		.095 .042 2 .095 .123 .134				.040 .015 6 .038 .058 .058				.053 .034 8 .041 .058 .125	10
5											5
0											0
5											5
10											10
15											15
20											20
25											25
30											30
35											35
40			.162 .102 57 .140 .236 .401				.341 .088 5 .377 .423 .428			.176 .112 62 .145 .252 .427	40
45S											45S

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.337 .489 5 1.323 1.862 1.863					1.337 .489 5 1.323 1.862 1.863
60						1.161 .440 33 1.151 1.554 2.114				1.161 .440 33 1.151 1.554 2.114
55						.809 .385 39 .739 1.157 1.622	1.031 .499 69 1.054 1.413 1.935	.772 .337 35 .695 1.079 1.500		.907 .450 143 .823 1.385 1.871
50								.755 .346 140 .715 1.090 1.523		.755 .346 140 .715 1.090 1.523
45			.990 .338 18 .900 1.435 1.530		.494 .211 12 .541 .707 .758	.704 .263 12 .780 1.010 1.105	.651 .346 65 .562 .985 1.486	.610 .317 135 .573 .922 1.304		.648 .337 242 .481 1.000 1.483
40						.465 .317 112 .400 .707 1.507		.414 .180 24 .376 .608 .733		.456 .298 136 .361 .690 1.362
35			.544 .399 21 .412 .849 1.597			.332 .269 27 .229 .744 .915				.425 .348 48 .246 .784 1.358
30		.133 .130 15 .096 .157 .462	.143 .049 24 .141 .181 .250			.251 .250 29 .166 .334 .961				.187 .185 68 .129 .268 .680
25										
20		.149 .102 10 .130 .286 .294					.084 .044 12 .077 .092 .193			.114 .083 22 .074 .203 .294
15										
10		.111 .046 2 .111 .142 .155				.045 .020 6 .052 .058 .067				.082 .040 8 .054 .068 .145
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.187 .120 57 .167 .282 .405				.533 .204 5 .490 .770 .772			.215 .160 62 .173 .316 .771
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JANUARY
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.577 .617 5 1.513 2.121 2.547					1.577 .617 5 1.513 2.121 2.547
60						1.310 .431 33 1.305 1.690 2.178				1.310 .431 33 1.305 1.690 2.178
55						.960 .431 39 .922 1.465 1.875	1.204 .539 69 1.255 1.716 2.167	.889 .400 35 .796 1.381 1.794		1.060 .500 143 .999 1.572 2.061
50								.884 .392 140 .861 1.338 1.648		.884 .392 140 .861 1.338 1.648
45			1.255 .347 18 1.172 1.661 1.847		.629 .254 12 .646 .885 1.038	.817 .448 12 .820 1.172 1.713	.799 .392 65 .698 1.219 1.661	.716 .356 135 .641 1.050 1.613		.779 .393 242 .594 1.143 1.742
40						.550 .367 112 .439 .863 1.709		.544 .255 24 .491 .716 1.171		.549 .350 136 .407 .808 1.550
35			.615 .390 21 .486 .895 1.588			.375 .237 27 .328 .537 1.030				.480 .335 48 .301 .739 1.122
30		.173 .170 15 .117 .241 .600	.178 .079 24 .167 .211 .382			.303 .243 29 .223 .439 1.005				.230 .194 68 .150 .341 .827
25										
20		.173 .126 10 .140 .329 .375					.098 .024 12 .108 .114 .133			.132 .094 22 .108 .187 .363
15										
10		.128 .051 2 .128 .162 .176				.047 .020 6 .056 .061 .065				.067 .046 8 .060 .076 .164
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.250 .149 57 .195 .399 .572				.613 .223 5 .522 .853 .932			.279 .185 62 .204 .436 .808
45S										

LONGITUDE

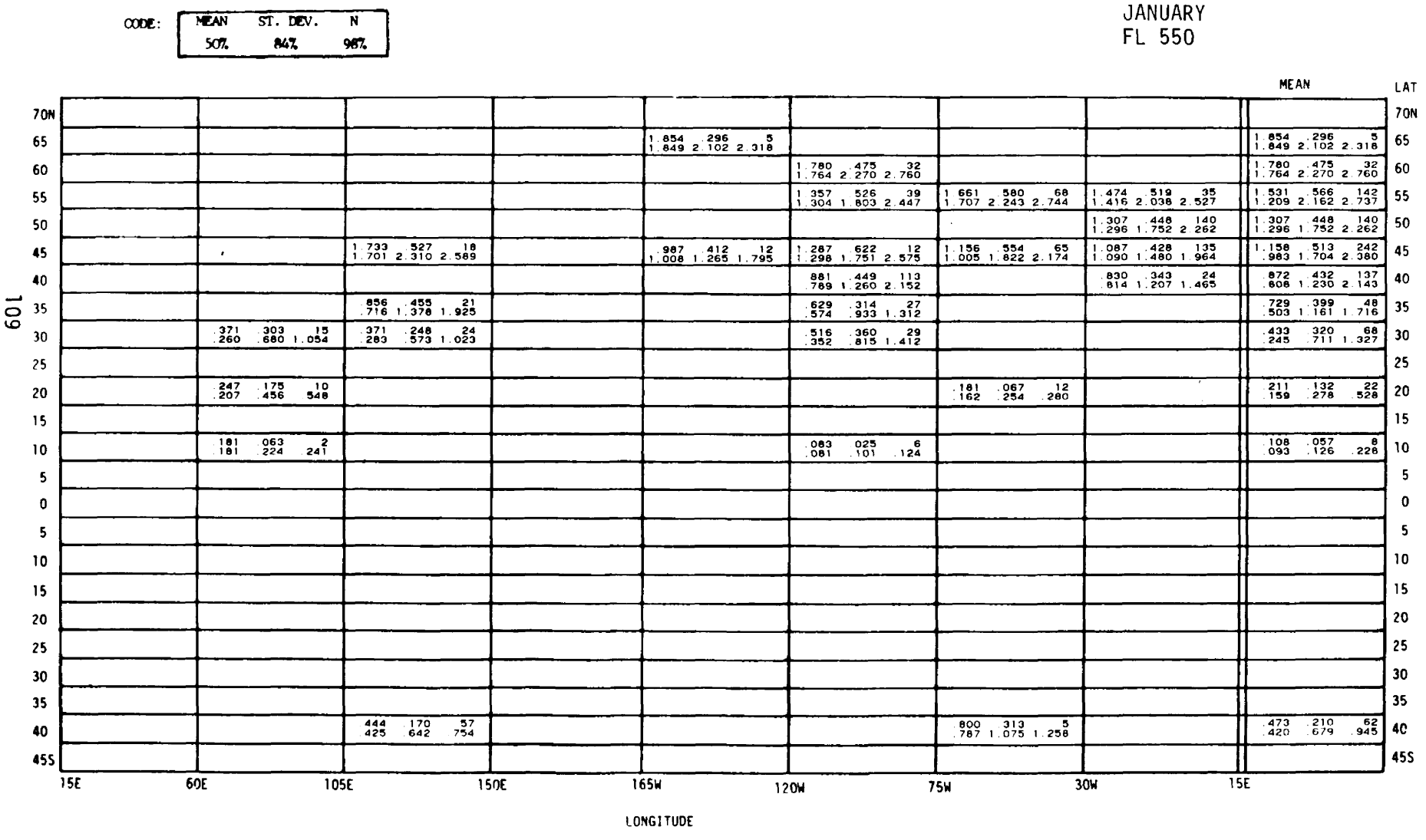
JANUARY
FL 530

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.601 .554 5 1.970 2.073 2.092					1.601 .554 5 1.970 2.073 2.092
60						1.588 .439 32 1.644 1.991 2.446				1.588 .439 32 1.644 1.991 2.446
55						1.177 .433 39 1.147 1.503 2.290	1.387 .564 69 1.285 1.978 2.372	1.218 .505 35 1.214 1.820 2.097		1.288 .526 143 1.209 1.870 2.331
50								1.088 .440 140 1.035 1.505 2.023		1.088 .440 140 1.035 1.505 2.023
45			1.491 .458 18 1.375 1.968 2.243		.786 .397 12 .841 1.077 1.528	1.073 .566 12 1.066 1.529 2.238	.921 .450 65 .829 1.379 1.895	.869 .416 135 .824 1.169 2.107		.935 .466 242 .764 1.325 2.187
40						.664 .444 112 .539 1.063 1.925		.685 .329 24 .609 .897 1.504		.668 .426 136 .505 1.060 1.900
35			.705 .430 21 .539 1.075 1.746			.483 .265 27 .397 .682 1.181				.580 .364 48 .401 .925 1.725
30		.244 .218 15 .168 .463 .737	.239 .112 24 .204 .376 .485			.367 .266 29 .260 .617 1.031				.295 .222 68 .189 .484 .966
25										
20		.199 .150 10 .149 .374 .458					.131 .044 12 .123 .156 .233			.162 .112 22 .116 .245 .437
15										
10		.144 .055 2 .144 .181 .197				.050 .026 6 .055 .074 .079				.074 .054 8 .070 .088 .184
5										
0										
5										
10										
15										
20										
25										
30										
35										
40			.318 .139 57 .297 .456 .600				.676 .340 5 .536 1.078 1.083			.347 .191 62 .299 .498 .981
45S										

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
JANUARY
FL 550
MEAN
LAT
70N
65
60
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35
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25
20
15
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5
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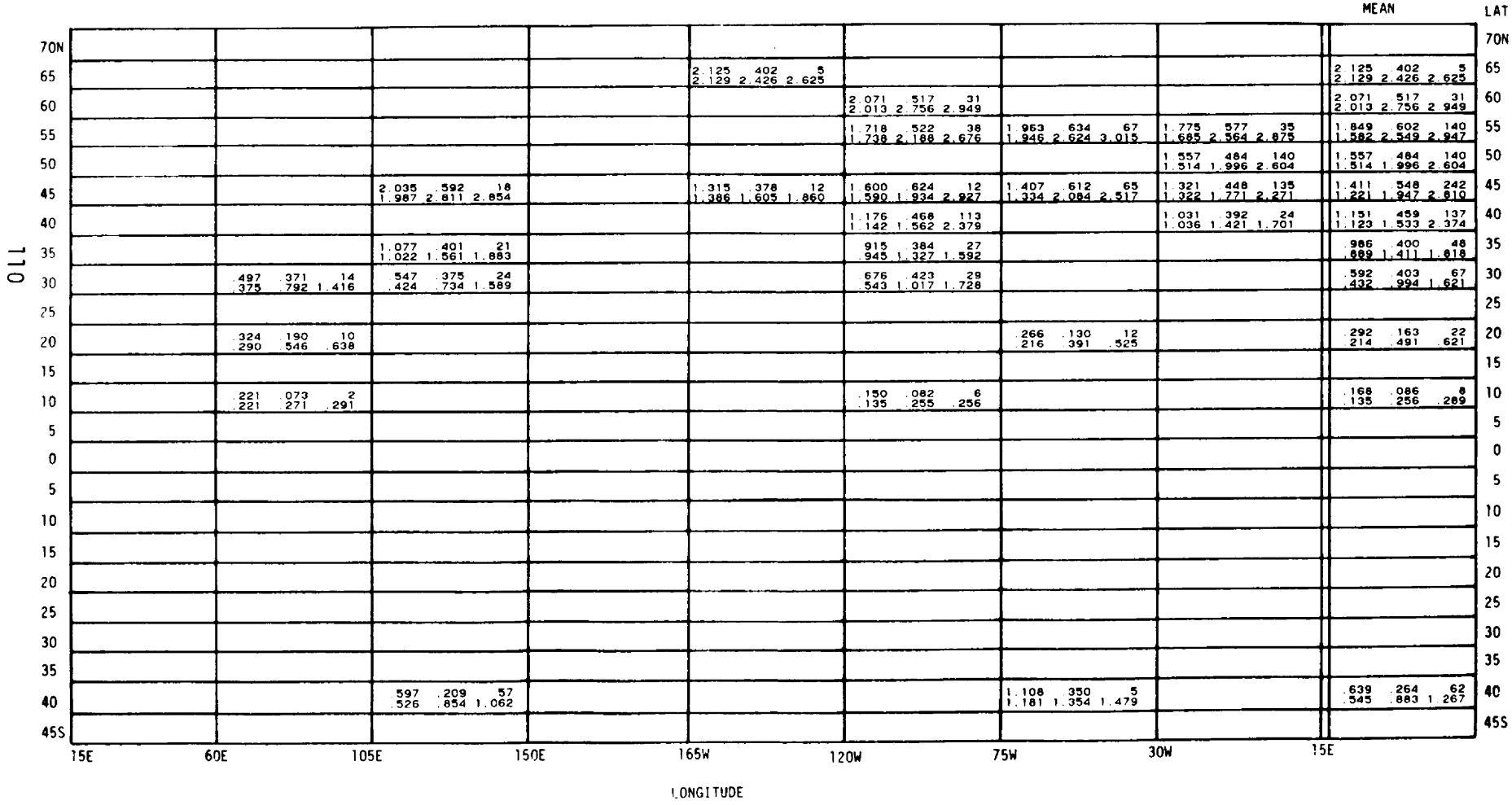
15
20
25
30
35
40
45S
1.854 .296 5
1.849 2.102 2.318
1.780 .475 32
1.764 2.270 2.760
1.357 .526 39
1.304 1.803 2.447
1.661 .580 68
1.707 2.243 2.744
1.474 .519 35
1.416 2.038 2.527
1.531 .566 142
1.209 2.162 2.737
1.307 .448 140
1.296 1.752 2.262
1.733 .527 18
1.701 2.310 2.589
.987 .412 12
1.008 1.265 1.795
1.287 .622 12
1.298 1.751 2.575
1.156 .554 65
1.005 1.822 2.174
1.087 .428 135
1.090 1.480 1.964
1.158 .513 242
.983 1.704 2.380
.881 .449 113
.789 1.260 2.152
.830 .343 24
.814 1.207 1.465
.872 .432 137
.606 1.230 2.143
.856 .455 21
.716 1.378 1.925
.629 .314 27
.574 .933 1.312
.729 .399 48
.503 1.161 1.716
.371 .303 15
.260 .680 1.054
.371 .248 24
.283 .573 1.023
.516 .360 29
.352 .815 1.412
.433 .320 68
.245 .711 1.327
.247 .175 10
.207 .456 548
.181 .067 12
.162 .254 .280
.211 .132 22
.159 .278 .528
.181 .063 2
.181 .224 241
.083 .025 6
.081 .101 .124
.108 .057 8
.093 .126 .228
.444 .170 57
.425 .642 754
.800 .313 5
.787 1.075 1.258
.473 .210 62
.420 .679 .945
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE
109

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

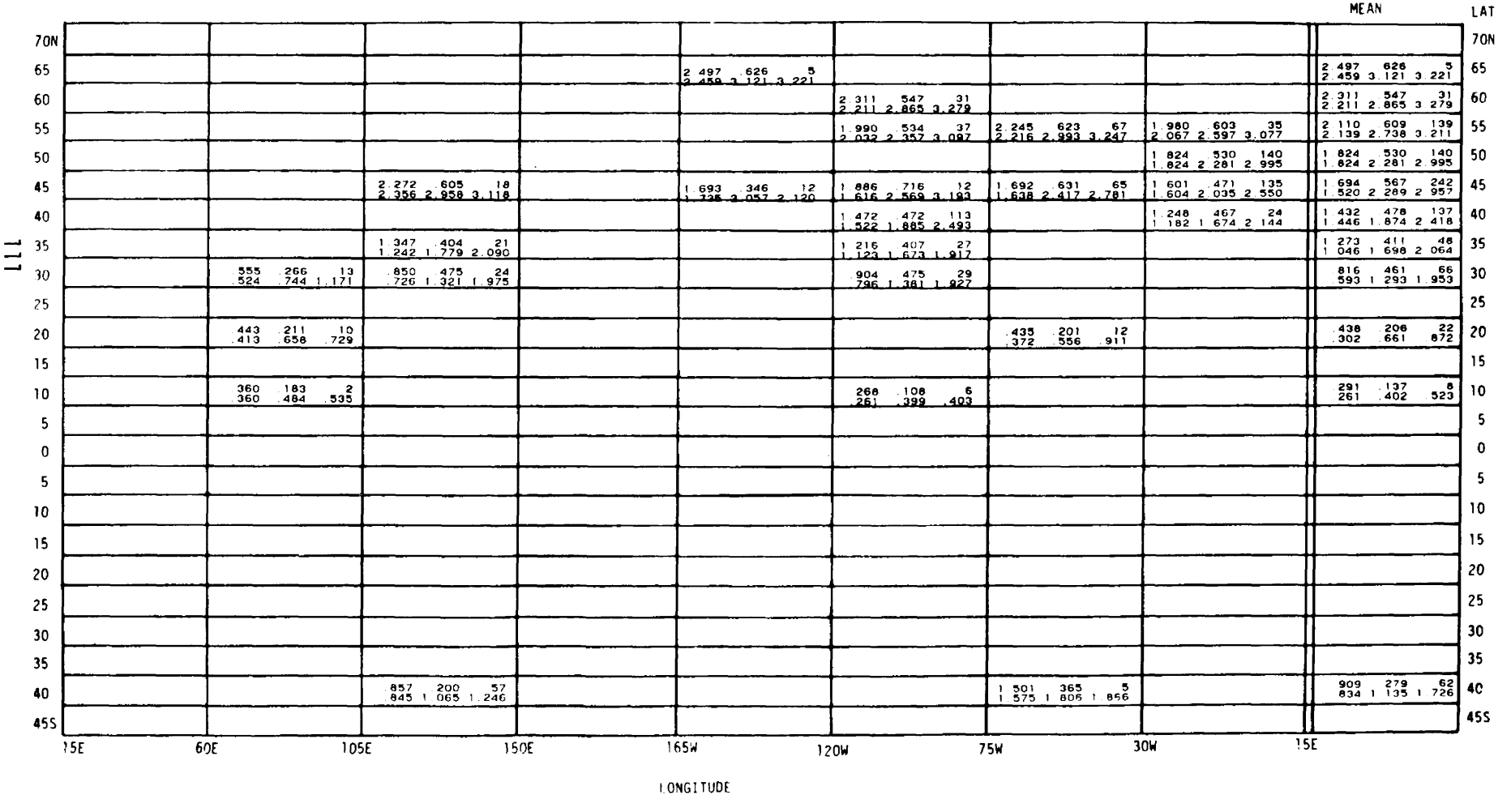
JANUARY
FL 570



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

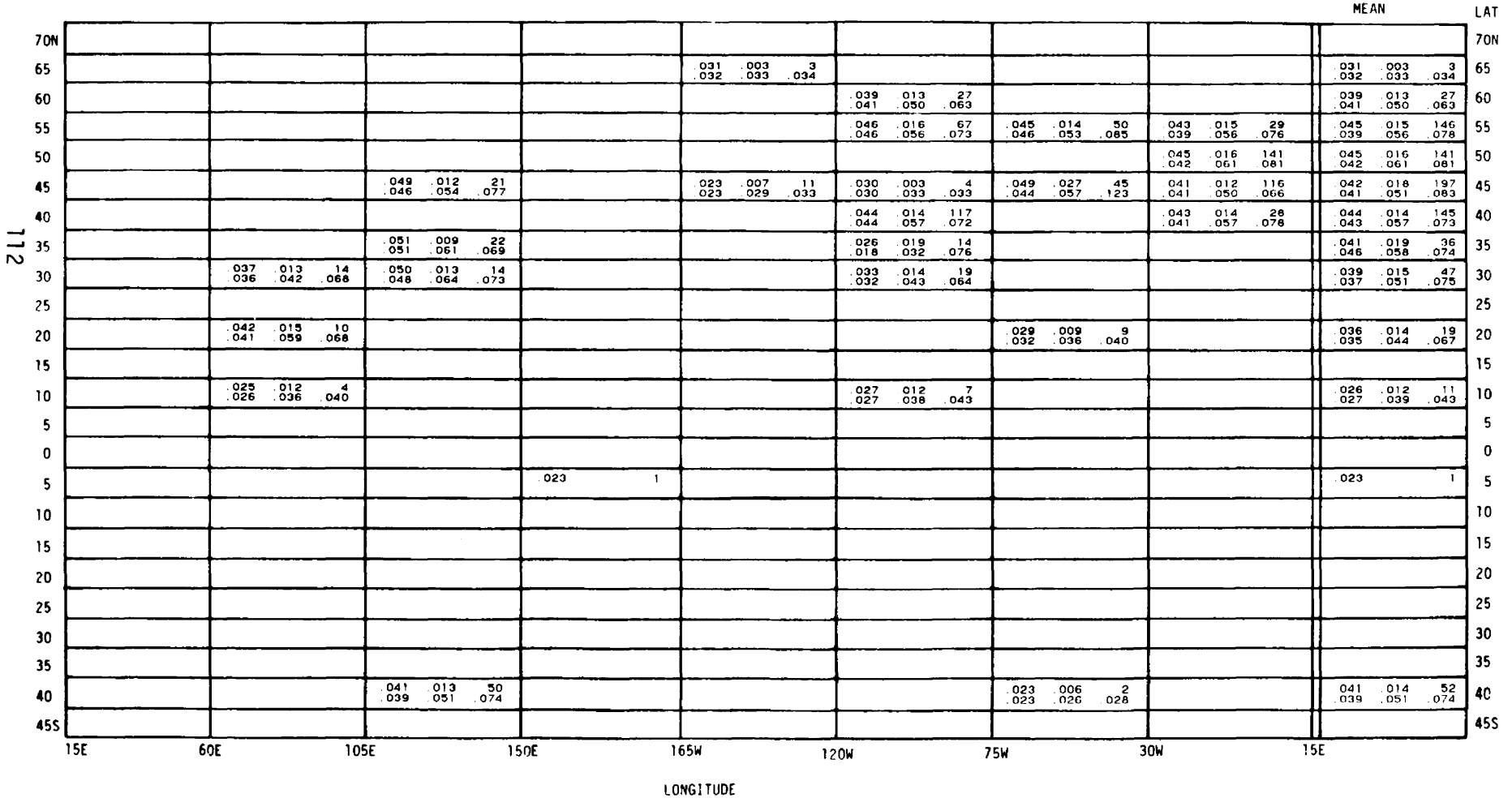
JANUARY
FL 590

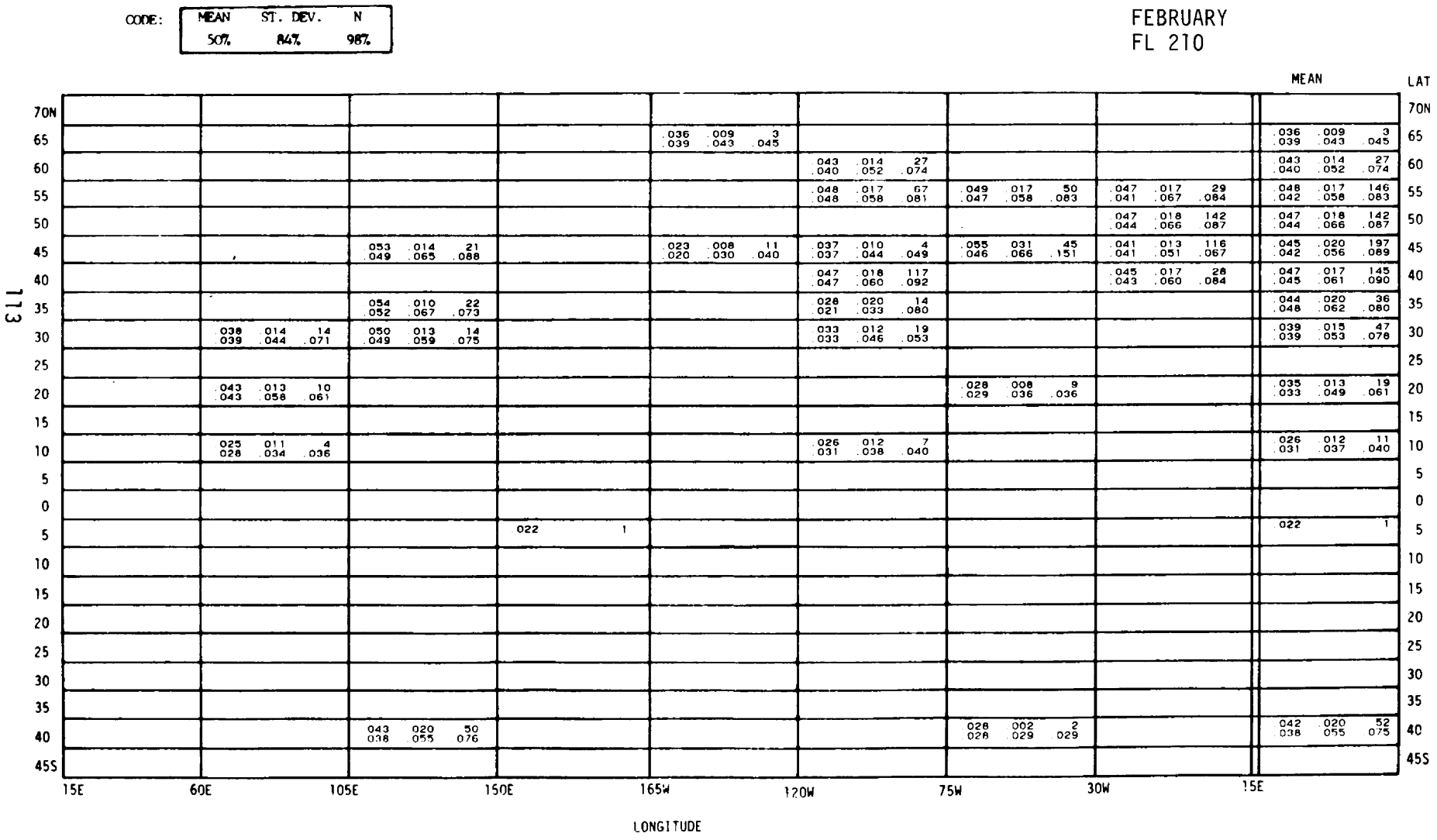


CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 190




CODE:
MEAN ST. DEV. N
50% 84% 98%
FEBRUARY
FL 210
MEAN
LAT
70N
65
60
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45
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35
30
25
20
15
10
5
0
5
10
15
20
25
30
35
40
45S
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE
113
.036 .009 3
.039 .043 .045
.043 .014 27
.040 .052 .074
.048 .017 67
.048 .058 .081
.049 .017 50
.047 .058 .083
.047 .017 29
.041 .067 .084
.036 .009 3
.039 .043 .045
.043 .014 27
.040 .052 .074
.048 .017 146
.042 .058 .083
.047 .018 142
.044 .066 087
.047 .018 142
.044 .066 .087
.053 .014 21
.049 .065 .088
.023 .008 11
.020 .030 .040
.037 .010 4
.037 .044 .049
.055 .031 45
.046 .066 .151
.041 .013 116
.041 .051 .067
.045 .020 197
.042 .056 .089
.047 .018 117
.047 .060 .092
.045 .017 28
.043 .060 .084
.047 .017 145
.045 .061 .090
.054 .010 22
.052 .067 .073
.028 .020 14
.021 .033 .080
.044 .020 36
.048 .062 .080
.038 .014 14
.039 .044 .071
.050 .013 14
.049 .059 .075
.033 .012 19
.033 .046 .053
.039 .015 47
.039 .053 .078
.043 .013 10
.043 .058 .061
.028 .008 9
.029 .036 .036
.035 .013 19
.033 .049 .061
.025 .011 4
.028 .034 .036
.026 .012 7
.031 .038 .040
.026 .012 11
.031 .037 .040
022 1
022 1
.043 .020 50
.038 .055 .076
.028 .002 2
.028 .029 .029
.042 .020 52
.038 .055 .075

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 230

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.048 .002 3 .049 .050 .051					.048 .002 3 .049 .050 .051
60						.047 .021 27 .044 .061 .100				.047 .021 27 .044 .061 .100
55						.052 .021 67 .049 .062 .110	.057 .024 50 .051 .073 .122	.052 .022 29 .041 .081 .099		.054 .022 146 .047 .070 .115
50								.050 .020 142 .046 .071 .099		.050 .020 142 .046 .071 .099
45			.061 .024 21 .053 .079 .123		.026 .010 11 .028 .039 .040	.035 .007 4 .037 .040 .043	.059 .033 45 .049 .073 .182	.042 .014 116 .042 .052 .073		.047 .023 197 .043 .058 .108
40						.049 .020 117 .048 .062 .106		.046 .021 28 .042 .062 .095		.046 .020 145 .047 .063 .104
35			.061 .023 22 .054 .072 .123			.025 .013 14 .022 .032 .056				.047 .026 36 .049 .062 .116
30		.039 .016 14 .039 .043 .077	.055 .019 14 .051 .078 .095			.033 .011 19 .032 .044 .047				.042 .018 47 .041 .051 .088
25										
20		.045 .013 10 .044 .057 .067					.029 .010 9 .032 .039 .044			.037 .014 19 .035 .052 .065
15										
10		.025 .009 4 .029 .032 .032				.027 .010 7 .034 .035 .039				.026 .010 11 .032 .035 .038
5										
0										
5				.021 1						.021 1
10										
15										
20										
25										
30										
35										
40			.045 .026 50 .041 .056 .083				.029 .001 2 .029 .030 .030			.045 .026 52 .040 .056 .081
45S										

LONGITUDE

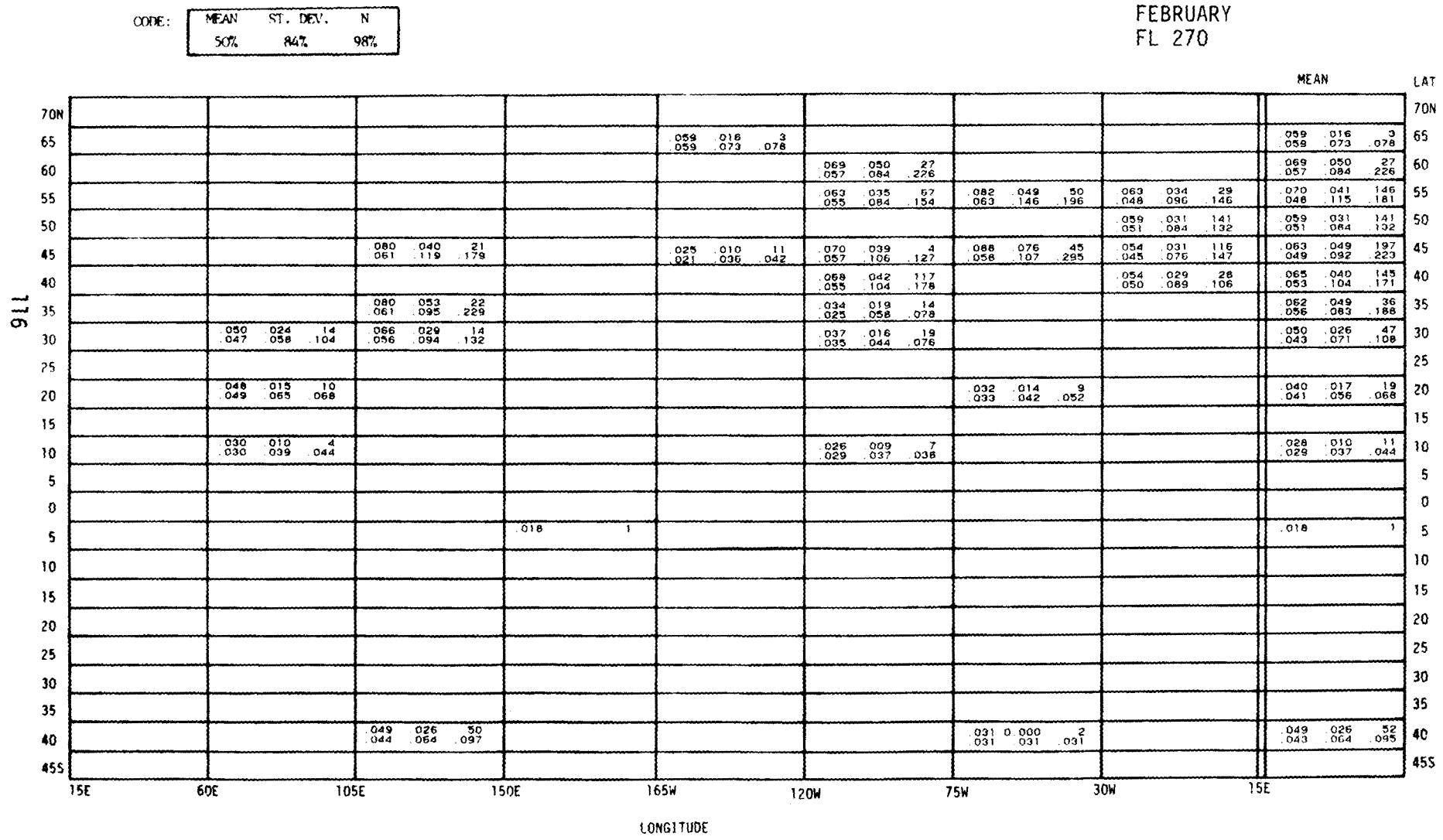
CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					049 002 3 048 051 052					049 002 3 048 051 052
60						054 033 27 046 064 154				054 033 27 046 064 154
55						054 022 67 052 067 119	064 033 50 055 101 148	057 027 29 045 086 123		058 028 146 046 083 126
50								053 024 141 049 074 123		053 024 141 049 074 123
45			069 032 21 058 096 154		026 010 11 025 033 046	047 024 4 037 065 083	073 053 45 056 089 256	047 019 116 044 062 098		054 034 197 048 069 145
40						057 027 117 053 078 134		049 023 28 046 074 101		055 026 145 051 078 121
35			066 033 22 055 075 167			028 013 14 023 046 056				052 033 36 050 066 152
30	044 019 14 042 047 090		057 023 14 051 063 114			033 013 19 036 042 058				044 021 47 041 054 102
25										
20	046 013 10 047 061 065						029 013 9 030 041 044			038 015 19 039 052 064
15										
10	027 009 4 029 033 037					027 010 7 032 035 042				027 010 11 029 036 042
5										
0										
5				019 1						019 1
10										
15										
20										
25										
30										
35										
40			046 023 50 043 061 090				030 001 2 030 030 030			046 023 52 042 061 089
45S										

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
FEBRUARY
FL 270
MEAN
LAT
70N
65
60
55
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45
40
35
30
25
20
15
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25
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35
40
45S
116
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 290

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.086 .056 .058 .132 3 .164					.086 .056 .058 .132 3 .164
60						.101 .073 .074 .150 26 .308				.101 .073 .074 .150 26 .308
55						.079 .059 .053 .127 67 .223	.115 .091 .073 .202 50 .249	.072 .052 .048 .112 29 .203		.090 .055 .062 .167 146 .238
50								.067 .055 .041 .093 141 .228		.067 .055 .041 .093 141 .228
45			.106 .092 .056 .185 21 .219		.028 .027 .008 .035 11 .041	.077 .052 .051 .116 4 .158	.110 .067 .096 .181 45 .364	.061 .046 .045 .098 116 .214		.076 .053 .066 .113 197 .340
40						.084 .059 .065 .138 117 .285		.058 .050 .035 .098 28 .140		.079 .057 .061 .135 145 .285
35			.106 .078 .080 .150 22 .325			.039 .027 .030 .070 14 .108				.080 .057 .073 .110 36 .296
30		.056 .050 .030 .075 14 .128	.071 .066 .037 .078 14 .167			.040 .038 .019 .053 19 .087				.054 .047 .032 .072 47 .141
25										
20		.051 .053 .017 .069 10 .073					.031 .029 .010 .041 9 .048			.041 .037 .017 .060 19 .073
15										
10		.036 .035 .011 .044 4 .051				.028 .027 .012 .042 7 .046				.031 .030 .012 .044 11 .051
5										
0										
5				.017 1						.017 1
10										
15										
20										
25										
30										
35										
40			.054 .043 .033 .077 50 .163				.032 .032 0 .032 .000 .032 2 .032			.053 .042 .033 .075 52 .161
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 310

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.164 .145 .090 .238 3 .277					.164 .145 .090 .238 3 .277
60						.151 .123 .106 .265 26 .402				.151 .123 .106 .265 26 .402
55						.103 .069 .078 .182 67 .290	.158 .133 .107 .293 50 .346	.094 .067 .071 .152 29 .282		.120 .063 .092 .233 146 .328
50								.087 .063 .062 .134 141 .284		.087 .063 .062 .134 141 .284
45			.152 .136 .080 .249 21 .290		.031 .026 .017 .040 11 .072	.128 .107 .063 .176 4 .226	.146 .115 .115 .280 45 .435	.082 .056 .065 .144 116 .278		.102 .070 .087 .174 197 .344
40						.108 .073 .088 .183 117 .375		.072 .066 .049 .113 28 .198		.101 .071 .084 .170 145 .348
35			.134 .094 .111 .232 22 .402			.055 .033 .050 .114 14 .169				.104 .064 .100 .134 36 .398
30		.061 .055 .033 .078 14 .142	.079 .071 .050 .077 14 .209			.051 .044 .040 .059 19 .162				.062 .054 .043 .077 47 .174
25										
20		.054 .060 .018 .070 10 .079					.034 .031 .009 .043 9 .046			.045 .042 .018 .066 19 .077
15										
10		.042 .041 .013 .053 4 .060				.027 .028 .010 .038 7 .040				.032 .030 .013 .042 11 .058
5										
0										
5				.017 1						.017 1
10										
15										
20										
25										
30										
35										
40			.055 .045 .034 .085 50 .157				.040 .040 .007 .044 2 .046			.055 .045 .034 .083 52 .156
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.298 .330 .131 .405 3 .436					.298 .330 .131 .405 3 .436
60						.245 .237 .145 .406 26 .547				.245 .237 .145 .406 26 .547
55						.148 .095 .118 .283 67 .413	.234 .204 .145 .413 50 .495	.140 .103 .106 .248 28 .389		.176 .137 .133 .320 145 .461
50								.125 .088 .112 .214 144 .410		.125 .088 .112 .214 144 .410
45			.223 .187 .127 .380 21 .412		.036 .028 .018 .050 11 .078	.172 .145 .090 .251 4 .307	.193 .157 .137 .339 45 .531	.119 .077 .100 .237 116 .342		.143 .102 .119 .278 197 .423
40						.151 .091 .129 .299 117 .456		.097 .065 .076 .162 28 .285		.141 .089 .122 .273 145 .437
35			.172 .133 .120 .316 22 .431			.069 .032 .073 .157 14 .228				.132 .080 .116 .233 36 .424
30	.064 .060 .033 .067 14 .146		.081 .064 .056 .081 14 .232			.051 .042 .031 .074 19 .133				.064 .057 .042 .077 47 .170
25										
20	.060 .065 .019 .074 10 .086						.032 .029 .008 .040 9 .046			.047 .039 .020 .072 19 .064
15										
10	.049 .047 .016 .062 4 .070					.032 .030 .013 .044 7 .052				.038 .041 .016 .053 11 .067
5										
0										
5				.019 1						.019 1
10										
15										
20										
25										
30										
35										
40			.064 .053 .041 .095 50 .167				.056 .056 .022 .070 2 .076			.064 .053 .040 .094 52 .167
45S										

LONGITUDE

CODE:

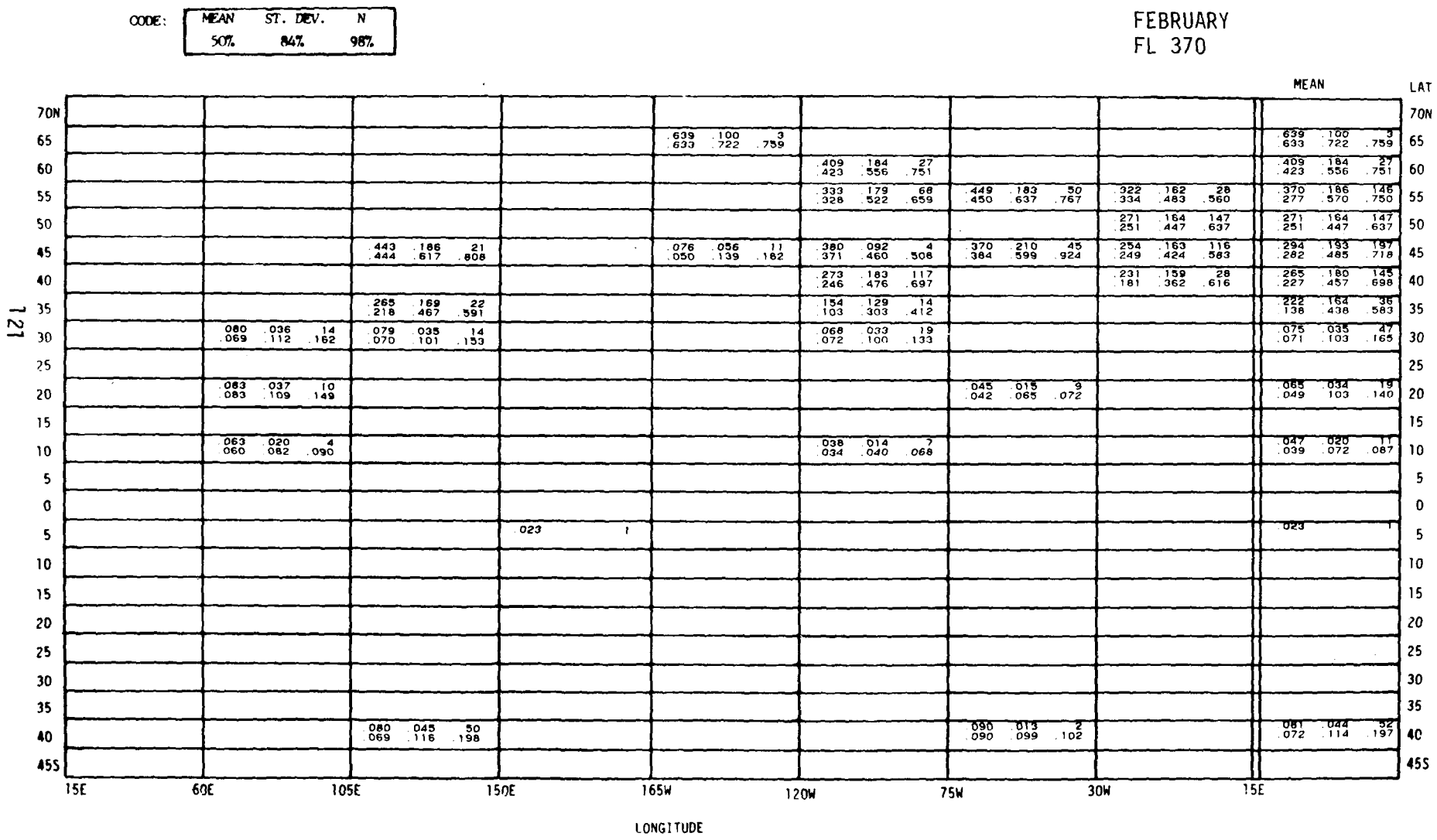
MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 350

120

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.470 .426 .094 .544 3 .593					.470 .426 .094 .544 3 .593
60						.347 .336 .170 .506 26 .681				.347 .336 .170 .506 26 .681
55						.225 .204 .144 .383 67 .498	.343 .335 .170 .539 50 .638	.210 .183 .127 .357 28 .456		.262 .254 .161 .432 145 .596
50								.182 .145 .134 .315 145 .488		.182 .145 .134 .315 145 .488
45			.318 .280 .162 .499 21 .604		.060 .044 .047 .083 11 .174	.336 .331 .041 .374 4 .392	.272 .231 .171 .457 45 .585	.177 .141 .129 .329 116 .433		.210 .190 .155 .383 197 .562
40						.205 .151 .160 .384 117 .572		.145 .120 .114 .256 28 .418		.194 .146 .154 .361 145 .546
35			.230 .160 .159 .444 22 .531			.108 .056 .099 .250 14 .283				.183 .103 .151 .333 36 .531
30		.070 .064 .034 .085 14 .152	.078 .067 .033 .124 14 .145			.063 .056 .029 .094 19 .126				.069 .065 .032 .098 47 .151
25										
20		.067 .070 .024 .091 10 .104					.035 .034 .009 .042 9 .051			.052 .041 .024 .076 19 .102
15										
10		.055 .053 .018 .072 4 .080				.031 .031 .012 .038 7 .052				.040 .034 .018 .057 11 .077
5										
0										
5				.021 1						.021 1
10										
15										
20										
25										
30										
35										
40			.070 .059 .043 .109 50 .187				.068 .068 .034 .090 2 .100			.070 .059 .043 .109 52 .187
45S										

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
FEBRUARY
FL 370
MEAN
LAT
70N
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45S
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE
121

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.836 .068 3 .858 .890 .903					.836 .068 3 .858 .890 .903
60						.521 .205 27 .544 .677 .946				.521 .205 27 .544 .677 .946
55						.427 .194 68 .451 .614 .752	.581 .218 50 .547 .784 .982	.423 .207 28 .447 .618 .798		.479 .218 146 .334 .703 .925
50								.352 .206 167 .331 .570 .733		.352 .206 167 .331 .570 .733
45			.564 .227 21 .547 .703 1.067		.153 .075 11 .185 .221 .243	.408 .211 4 .417 .616 .646	.462 .265 45 .467 .704 1.109	.337 .197 116 .335 .520 .771		.381 .234 197 .343 .610 .885
40						.347 .222 117 .299 .588 .824		.307 .199 28 .259 .473 .785		.339 .218 145 .299 .572 .830
35			.262 .170 22 .200 .417 .630			.168 .119 14 .122 .303 .416				.225 .159 36 .145 .401 .601
30		.089 .046 14 .074 .127 .181	.082 .036 14 .077 .124 .143			.076 .028 19 .071 .103 .132				.082 .037 47 .073 .121 .162
25										
20		.094 .047 10 .091 .123 .192					.049 .015 9 .042 .067 .077			.072 .042 19 .050 .098 .178
15										
10		.069 .022 4 .064 .090 .100				.039 .014 7 .034 .046 .067				.050 .023 11 .045 .073 .096
5										
0										
5				.026 1						.026 1
10										
15										
20										
25										
30										
35										
40			.095 .052 50 .092 .125 .201				.116 .019 2 .116 .129 .134			.095 .051 52 .093 .128 .198
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.919 .982 / .229 1.104 / 3 1.155					.919 .982 / .229 1.104 / 3 1.155
60						.648 .632 / 238 .845 / 27 1.206				.648 .632 / 238 .845 / 27 1.206
55						.536 .582 / 210 .728 / 68 .901	.712 .733 / 294 1.030 / 50 1.303	.546 .562 / .280 .791 / 28 1.141		.598 .426 / 268 .836 / 146 1.260
50								.457 .442 / 230 .682 / 167 1.000		.457 .442 / 230 .682 / 167 1.000
45			.683 .697 / 238 .880 / 21 1.165		.294 .287 / .188 .504 / 11 .566	.619 .506 / 322 .902 / 4 1.104	.531 .561 / .266 .740 / 45 1.162	.427 .398 / .229 .651 / 116 .932		.474 .443 / .257 .705 / 197 1.131
40						.409 .361 / 238 .666 / 117 .966		.348 .344 / 182 .537 / 28 .735		.397 .358 / 229 .656 / 145 .964
35			.264 .206 / 179 .462 / 22 .665			.221 .194 / 161 .464 / 14 .523				.247 .153 / 174 .490 / 36 .638
30		.106 .084 / .061 .186 / 14 .223	.094 .087 / .048 .146 / 14 .183			.091 .082 / .042 .115 / 19 .200				.096 .082 / .050 .145 / 47 .216
25										
20		.099 .089 / .057 .132 / 16 .222					.045 .043 / .012 .055 / 9 .067			.073 .055 / .050 .113 / 19 .203
15										
10		.075 .067 / .029 .093 / 4 .111				.048 .039 / .018 .070 / 7 .078				.058 .054 / .024 .075 / 11 .106
5										
0										
5				.038 / 1						.038 / 1
10										
15										
20										
25										
30										
35										
40			.114 .110 / .064 .161 / 50 .261				.181 .181 / .118 .260 / 2 .293			.117 .110 / .068 .168 / 52 .297
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 430

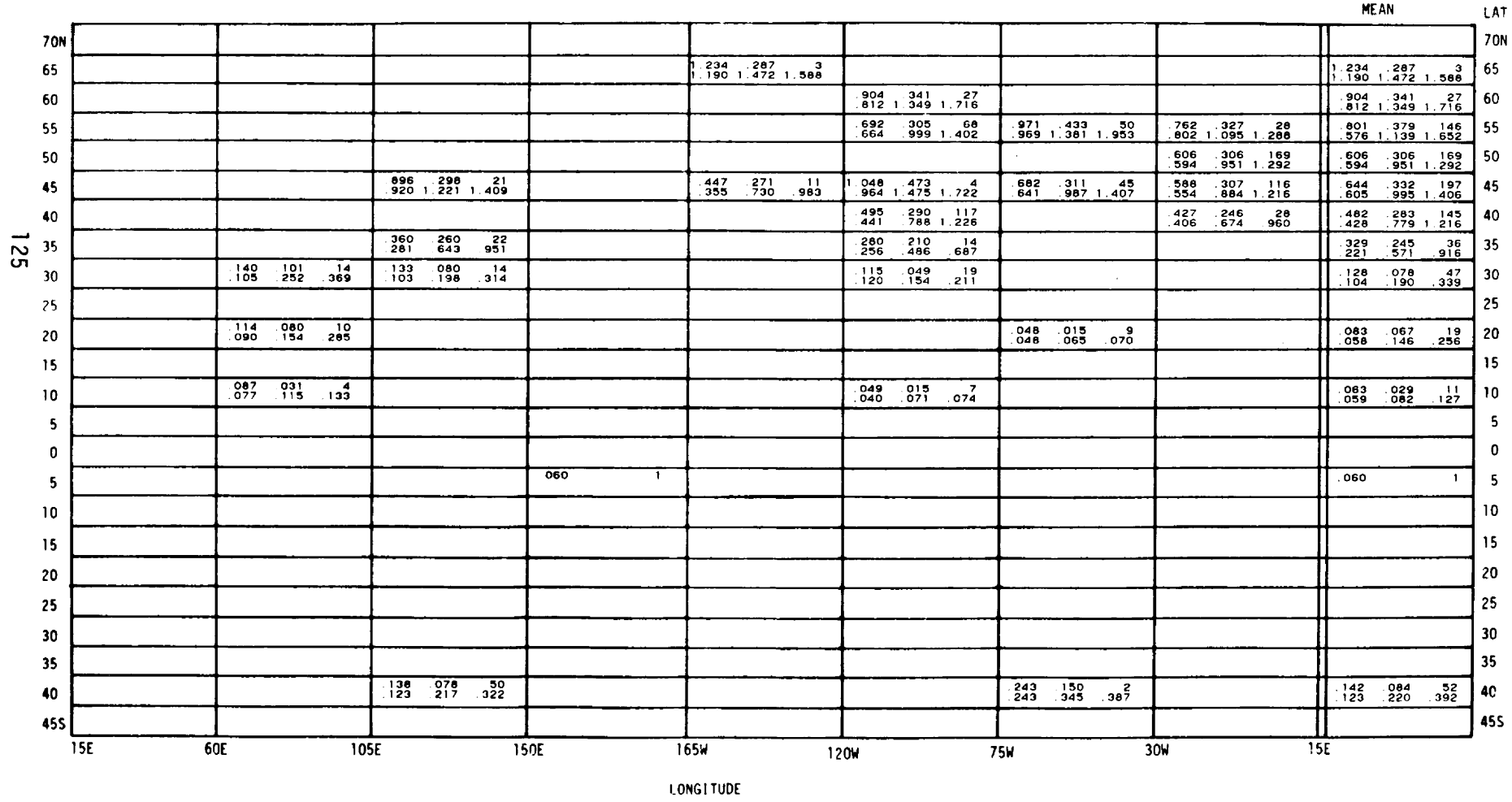
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.234 .165 3 1.211 1.371 1.438					1.234 .165 3 1.211 1.371 1.438
60						.777 .263 27 .742 .906 1.465				.777 .263 27 .742 .906 1.465
55						.629 .254 68 .638 .913 1.097	.844 .355 50 .786 1.189 1.553	.645 .269 28 .645 .891 1.095		.706 .312 146 .504 .958 1.451
50								.526 .263 167 .501 .786 1.196		.526 .263 167 .501 .786 1.196
45			.780 .281 21 .752 1.046 1.256		.328 .194 11 .284 .514 .693	.776 .419 4 .655 1.127 1.411	.604 .271 45 .591 .810 1.255	.516 .256 116 .472 .787 1.068		.559 .283 197 .526 .826 1.247
40						.467 .282 117 .406 .736 1.254		.400 .202 28 .360 .627 .782		.454 .269 145 .395 .713 1.210
35			.291 .203 22 .250 .514 .717			.289 .226 14 .263 .517 .786				.290 .212 36 .189 .551 .765
30		.123 .082 14 .094 .216 .303	.111 .064 14 .096 .158 .256			.112 .063 19 .098 .142 .272				.115 .069 47 .097 .158 .297
25										
20		.106 .069 10 .085 .140 .253					.050 .015 9 .053 .057 .077			.079 .058 19 .055 .134 .229
15										
10		.080 .026 4 .070 .100 .121				.044 .019 7 .037 .073 .074				.057 .028 11 .057 .074 .114
5										
0										
5				.050 1						.050 1
10										
15										
20										
25										
30										
35										
40			.126 .077 50 .119 .191 .324				.140 .064 2 .140 .184 .201			.127 .076 52 .119 .195 .321
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 450



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 470

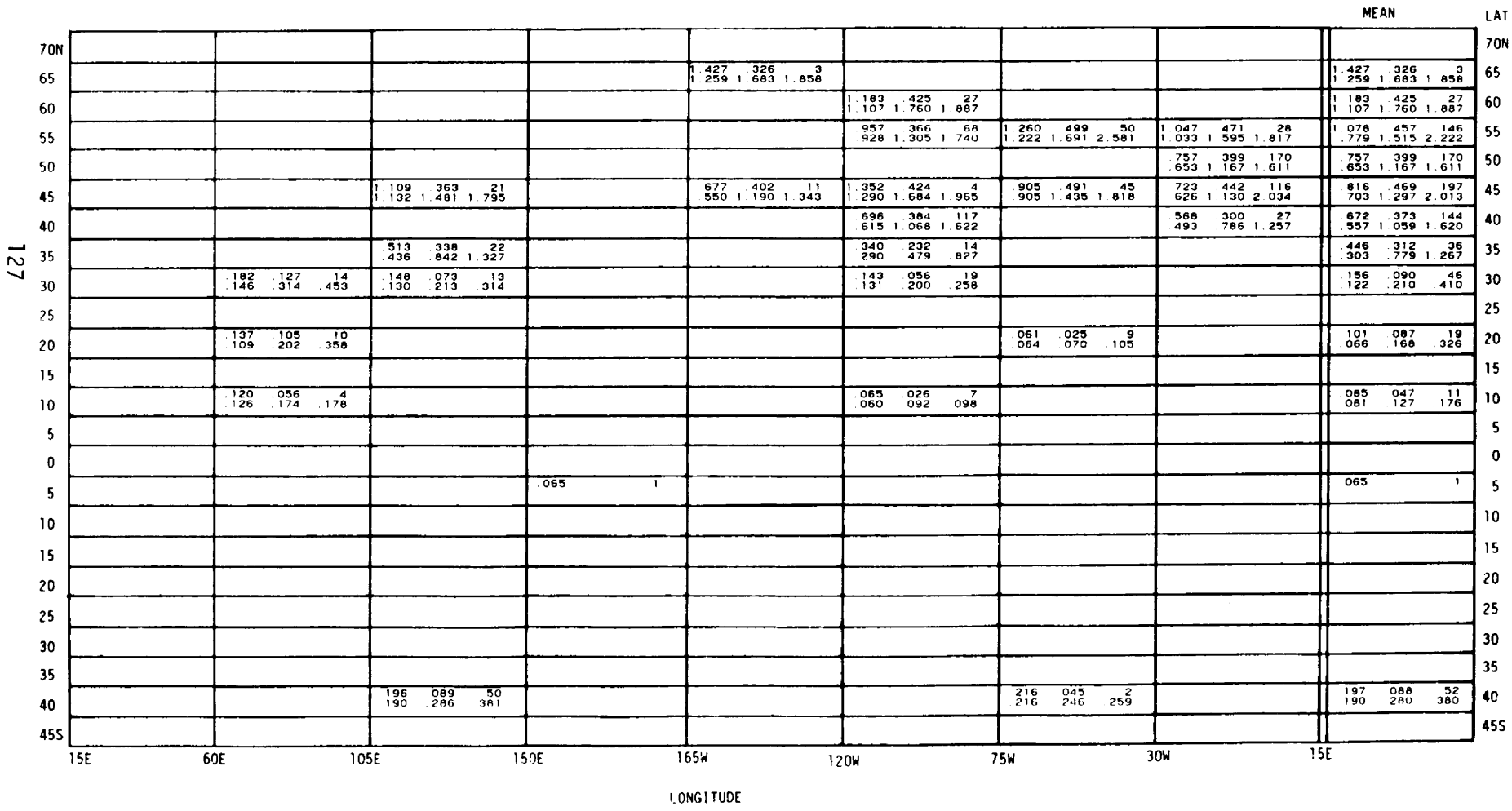
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.229 .409 3 1.067 1.559 1.761					1.229 .409 3 1.067 1.559 1.761
60						1.050 .429 27 .934 1.558 2.075				1.050 .429 27 .934 1.558 2.075
55						836 .366 68 796 1.257 1.598	1.098 .460 50 1.100 1.547 2.152	.875 .398 28 .818 1.374 1.534		.933 .424 146 .699 1.393 1.867
50								.697 .378 170 .624 1.141 1.563		.697 .378 170 .624 1.141 1.563
45			.993 .305 21 .976 1.254 1.546		.630 .449 11 .436 .953 1.624	1.032 .367 4 .938 1.359 1.572	.774 .389 45 .772 1.091 1.632	.637 .379 116 .557 .987 1.771		.714 .397 197 .649 1.087 1.753
40						.577 .323 117 .498 .845 1.455		.493 .255 27 .497 .751 1.019		.561 .313 144 .459 .842 1.419
35			.413 .252 22 .345 .666 .906			.323 .229 14 .299 .539 .765				.378 .247 36 .236 .658 .893
30		.161 .110 14 .132 .320 .366	.131 .061 13 .116 .200 .250			.112 .043 19 .106 .144 .204				.132 .077 46 .104 .196 .364
25										
20		.123 .091 10 .098 .166 .319					.053 .020 9 .052 .071 .090			.090 .076 19 .059 .155 .267
15										
10		.104 .042 4 .102 .145 .156				.058 .015 7 .062 .076 .078				.074 .036 11 .062 .100 .152
5										
0										
5				.062 1						.062 1
10										
15										
20										
25										
30										
35										
40			.164 .091 50 .143 .268 .372				.297 .165 2 .297 .408 .454			.169 .098 52 .143 .271 .391
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 490



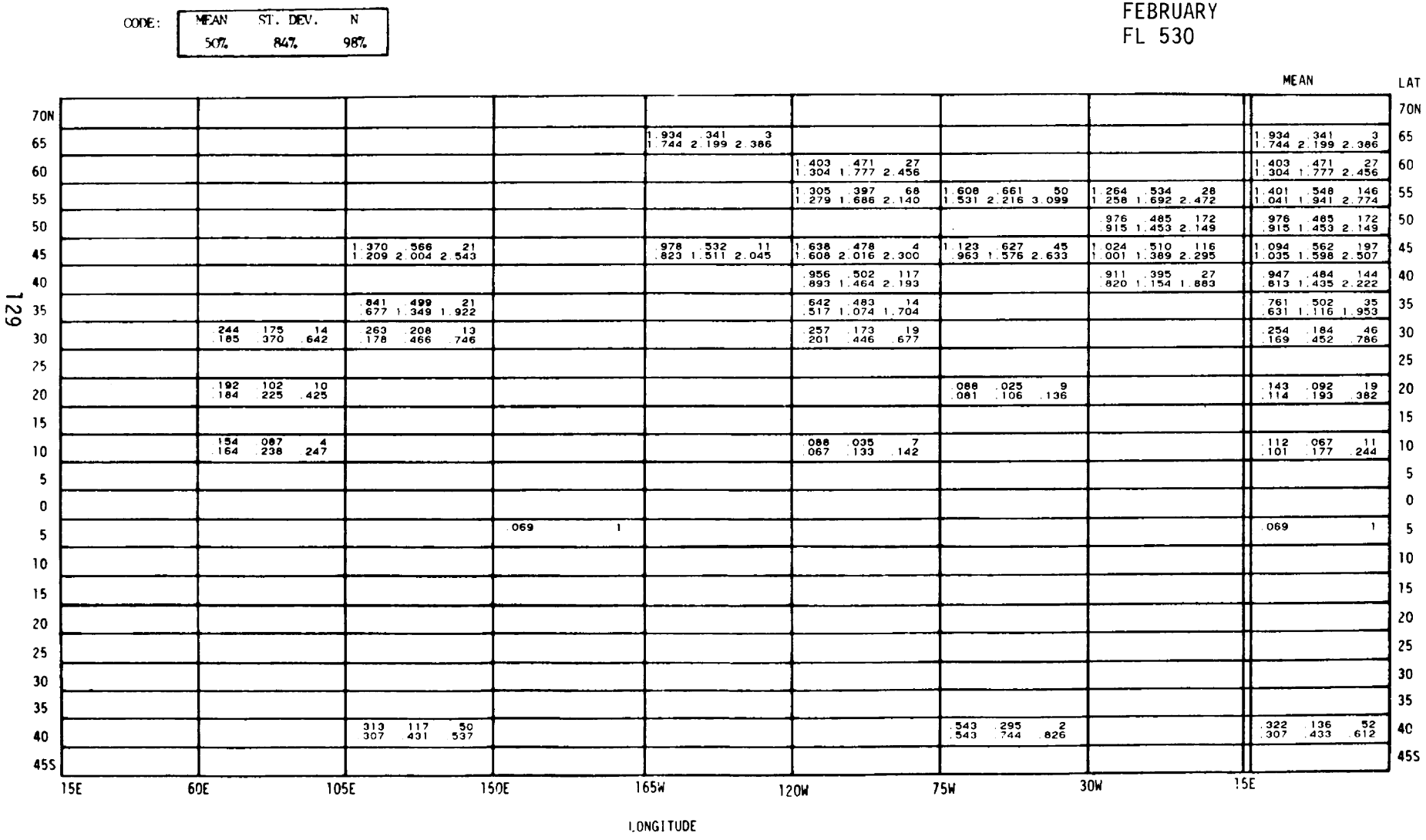
CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.637 .348 3 1.561 1.925 2.075					1.637 .348 3 1.561 1.925 2.075
60						1.298 .476 27 1.282 1.745 2.269				1.298 .476 27 1.282 1.745 2.269
55						1.125 .370 68 1.106 1.484 1.927	1.418 .622 50 1.370 1.864 2.863	1.148 .509 28 1.071 1.825 2.073		1.230 .514 146 .879 1.696 2.742
50								.882 .452 170 .849 1.347 1.855		.882 .452 170 .849 1.347 1.855
45			1.220 .428 21 1.293 1.549 2.125		.657 .344 11 .518 .964 1.379	1.465 .535 4 1.305 1.917 2.275	.968 .508 45 .887 1.432 2.024	.854 .500 116 .791 1.259 2.324		.921 .511 197 .856 1.388 2.328
40						.816 .430 117 .735 1.246 1.906		.728 .344 27 .612 1.097 1.432		.800 .417 144 .683 1.216 1.871
35			.689 .453 21 .581 1.340 1.608			.466 .333 14 .330 .925 1.009				.600 .424 35 .519 .952 1.553
30		.210 .150 14 .163 .285 .548	.176 .094 13 .143 .251 .393			.192 .121 19 .144 .313 .477				.193 .125 46 .142 .305 .551
25										
20		.156 .109 10 .130 .213 .392					.067 .027 9 .058 .088 .119			.114 .092 19 .084 .178 .354
15										
10		.136 .070 4 .145 .204 .208				.070 .028 7 .060 .103 .114				.094 .057 11 .081 .148 .207
5										
0										
5				.067 1						.067 1
10										
15										
20										
25										
30										
35										
40			.246 .094 50 .252 .350 .425				.379 .170 2 .379 .495 .542			.251 .101 52 .250 .352 .432
45S										

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
FEBRUARY
FL 530
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LAT
70N
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60
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45S
129
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1.744 2.199 2.386
1.403 .471 27
1.304 1.777 2.456
1.305 .397 68
1.279 1.686 2.140
1.608 .661 50
1.531 2.216 3.099
1.264 .534 28
1.258 1.692 2.472
1.401 .548 146
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.976 .485 172
.915 1.453 2.149
1.370 .566 21
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1.638 .478 4
1.608 2.016 2.300
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.893 1.464 2.193
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.813 1.435 2.222
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.677 1.349 1.922
.642 .483 14
.517 1.074 1.704
.761 .502 35
.631 1.116 1.953
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.185 .370 .642
.263 .208 13
.178 .466 .746
.257 .173 19
.201 .446 .677
.254 .184 46
.169 .452 .786
.192 .102 10
.184 .225 .425
.088 .025 9
.081 .106 .136
.143 .092 19
.114 .193 .382
.154 .087 4
.164 .238 .247
.088 .035 7
.067 .133 .142
.112 .067 11
.101 .177 .244
.069 1
.069 1
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.307 .431 .537
.543 .295 2
.543 .744 .826
.322 .136 52
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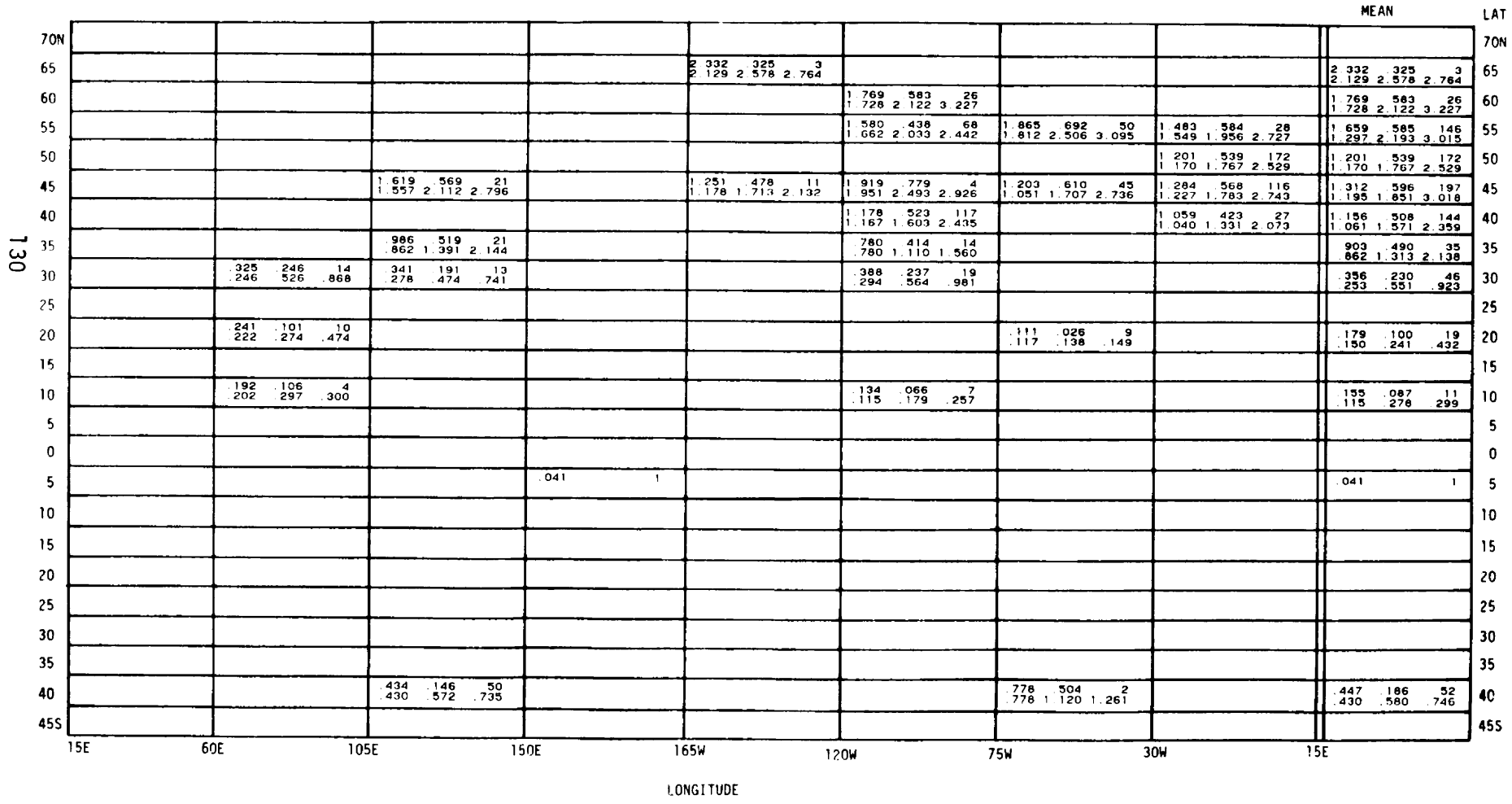
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 550



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 570

LAT	MEAN
70N	
65	2.556 .597 3 2.780 3.031 3.134
60	2.058 .557 24 2.090 2.621 3.126
55	1.978 .606 146 1.583 2.512 3.235
50	1.477 .590 172 1.420 2.040 2.942
45	1.602 .608 196 1.319 2.259 3.063
40	1.405 .542 144 1.330 1.954 2.909
35	1.118 .496 35 1.169 1.544 2.352
30	.527 .341 46 .362 .872 1.301
25	
20	.260 .134 19 .228 .348 .575
15	
10	.189 .089 11 .176 .267 .366
5	
0	
5	.194 1
10	
15	
20	
25	
30	
35	
40	.617 .197 52 .608 .776 .965
45S	

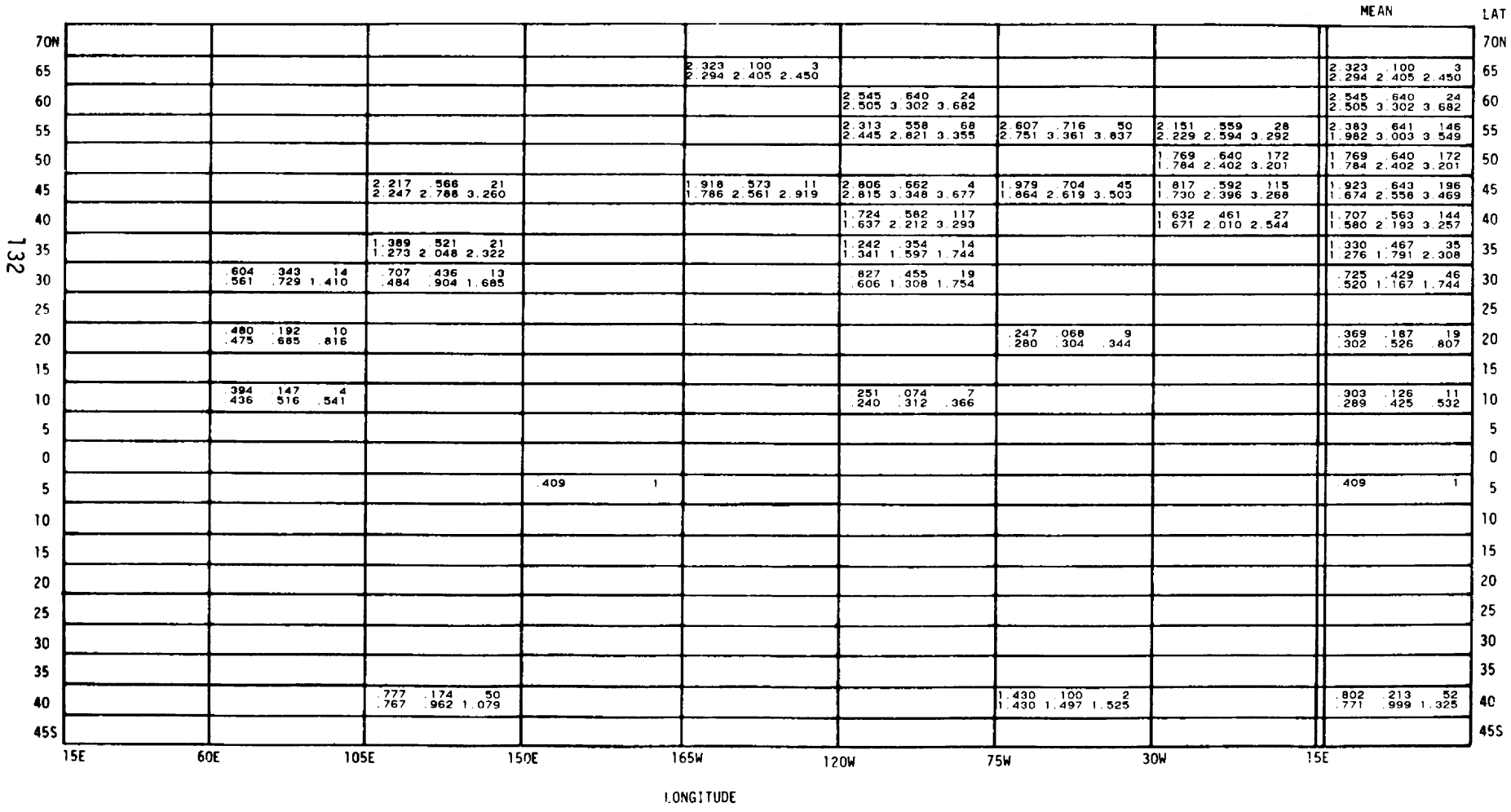
15E	60E	105E	150E	165W	120W	75W	30W	15E
				2.556 .597 3 2.780 3.031 3.134				
					2.058 .557 24 2.090 2.621 3.126			
					1.889 .474 68 1.902 2.347 2.955	2.224 .669 50 2.395 2.946 3.309	1.755 .628 28 1.829 2.284 2.997	
							1.477 .590 172 1.420 2.040 2.942	
		1.812 .430 21 1.829 2.277 2.568		1.511 .418 11 1.497 1.881 2.144	2.532 .377 4 2.544 2.869 3.011	1.585 .690 45 1.414 2.028 3.453	1.547 .589 115 1.468 2.237 2.978	
					1.430 .564 117 1.398 1.979 2.956		1.301 .418 27 1.238 1.592 2.252	
		1.167 .554 21 1.137 1.609 2.380			1.046 .384 14 1.208 1.370 1.611			
	.449 .321 14 .369 .598 1.195	.511 .363 13 .345 .851 1.364			.597 .325 19 .448 .911 1.253			
	.342 .135 10 .302 .505 .582					.169 .042 9 .157 .212 .252		
	.259 .101 4 .271 .355 .371				.149 .048 7 .134 .208 .219			
			.194 1					
		599 .166 50 603 .773 .896				1.064 .335 2 1.064 1.292 1.386		

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

FEBRUARY
FL 590



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.034 .013 8 .028 .050 .058					.034 .013 8 .028 .050 .058
60						.047 .011 29 .049 .057 .067				.047 .011 29 .049 .057 .067
55						.048 .012 38 .049 .059 .073	.048 .015 67 .050 .064 .074	.050 .014 34 .048 .063 .079		.049 .014 139 .049 .062 .078
50								.053 .023 154 .052 .074 .108		.053 .023 154 .052 .074 .108
45			.054 .009 21 .050 .063 .075		.032 .015 16 .028 .044 .067	.037 .007 6 .038 .043 .048	.052 .020 63 .053 .069 .080	.046 .014 142 .045 .056 .084		.047 .016 248 .044 .062 .081
40						.049 .017 147 .050 .063 .083		.043 .012 33 .042 .052 .073		.048 .016 180 .047 .062 .082
35			.057 .020 31 .054 .069 .111			.025 .011 21 .028 .035 .045				.044 .023 52 .044 .065 .103
30		.037 .013 4 .041 .049 .049	.053 .012 18 .053 .068 .074			.041 .018 32 .040 .052 .081				.045 .017 54 .039 .062 .080
25		.051 1								.051 1
20		.031 .016 7 .026 .046 .057			.045 .005 2 .045 .048 .049		.038 .013 7 .037 .047 .061			.036 .014 16 .033 .048 .062
15										
10		.037 .009 2 .037 .043 .046				.029 .015 13 .025 .045 .057				.030 .014 15 .027 .046 .057
5										
0										
5				.013 .009 5 .012 .020 .027						.013 .009 5 .012 .020 .027
10										
15							.022 1			.022 1
20										
25										
30										
35										
40			.037 .013 56 .034 .046 .062				.016 .002 3 .015 .018 .019			.036 .014 59 .033 .046 .062
45S				.036 .017 2 .036 .048 .052	.021 1					.031 .016 3 .021 .043 .052

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 210

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.036 .033 .011 .049 8 .056					.036 .033 .011 .049 8 .056
60						.051 .052 .012 .060 29 .072				.051 .052 .012 .060 29 .072
55						.052 .051 .013 .064 38 .076	.052 .051 .018 .067 67 .083	.055 .053 .018 .069 34 .097		.053 .051 .017 .067 139 .085
50								.055 .051 .024 .076 154 .108		.055 .051 .024 .076 154 .108
45			.058 .054 .015 .064 21 .101		.030 .026 .013 .040 16 .056	.039 .041 .007 .044 6 .048	.055 .057 .022 .072 63 .118	.046 .046 .015 .058 142 .077		.048 .043 .018 .063 248 .085
40						.050 .051 .016 .061 147 .088		.043 .043 .015 .054 33 .080		.049 .048 .016 .061 180 .087
35			.061 .056 .023 .074 31 .128			.029 .026 .020 .034 21 .085				.048 .046 .027 .072 52 .122
30		.045 .042 .022 .064 4 .076	.054 .055 .014 .070 18 .076			.041 .041 .017 .058 32 .079				.045 .040 .018 .062 54 .078
25		.056 1								.056 1
20		.032 .027 .018 .047 7 .064			.038 .038 .009 .044 2 .047		.038 .039 .012 .046 7 .058			.035 .032 .015 .047 16 .065
15										
10		.044 .044 .002 .045 2 .045				.033 .029 .014 .046 13 .060				.034 .030 .014 .045 15 .060
5										
0										
5				.010 .007 .005 .015 5 .018						.010 .007 .005 .015 5 .018
10										
15							.023 1			.023 1
20										
25										
30										
35										
40			.038 .037 .013 .046 56 .073				.023 .016 .012 .032 3 .038			.037 .037 .013 .046 59 .073
45S				.033 .033 .017 .045 2 .049	.018 1					.028 .018 .016 .040 3 .049

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 230

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.040 .039 .009 .044 8 .057					.040 .039 .009 .044 8 .057
60						.057 .056 .019 .077 29 .097				.057 .056 .019 .077 29 .097
55						.053 .053 .017 .065 38 .093	.061 .055 .025 .074 66 .126	.061 .055 .023 .076 34 .120		.059 .054 .023 .072 138 .124
50								.056 .053 .024 .081 154 .114		.056 .053 .024 .081 154 .114
45			.059 .057 .012 .066 21 .090		.036 .030 .018 .050 16 .077	.038 .039 .008 .046 6 .047	.059 .058 .025 .079 63 .129	.047 .047 .017 .059 142 .088		.050 .045 .020 .065 248 .109
40						.053 .052 .024 .067 147 .100		.043 .044 .015 .053 33 .079		.051 .048 .023 .066 180 .099
35			.067 .061 .028 .080 31 .141			.029 .028 .016 .041 21 .064				.052 .048 .030 .076 52 .123
30		.051 .041 .033 .076 4 .102	.056 .057 .016 .072 18 .084			.041 .040 .016 .058 32 .076				.047 .040 .020 .067 54 .088
25		.061 1								.061 1
20		.033 .028 .020 .048 7 .071			.031 .031 .013 .040 2 .043		.037 .034 .010 .044 7 .054			.034 .031 .016 .046 16 .068
15										
10		.042 .042 .002 .043 2 .043				.030 .030 .013 .041 13 .055				.032 .031 .012 .043 15 .054
5										
0										
5				.012 .011 .006 .018 5 .021						.012 .011 .006 .018 5 .021
10										
15							.023 1			.023 1
20										
25										
30										
35										
40			.039 .037 .014 .053 56 .077				.034 .018 .027 .055 3 .070			.039 .037 .015 .054 59 .077
45S				.032 .032 .018 .043 2 .048	.016 1					.026 .016 .016 .038 3 .048

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.047 .015 8 .046 .062 .074					.047 .015 8 .046 .062 .074	65
60						.076 .035 29 .070 .109 .164				.076 .035 29 .070 .109 .164	60
55						.057 .023 38 .054 .069 .129	.072 .045 66 .056 .088 .222	.065 .028 34 .061 .083 .137		.066 .037 138 .056 .083 .194	55
50								.062 .033 154 .056 .088 .142		.062 .033 154 .056 .088 .142	50
45			.063 .016 21 .059 .068 .109		.035 .014 16 .033 .047 .067	.046 .014 6 .045 .061 .063	.065 .036 63 .060 .081 .175	.052 .022 142 .050 .070 .119		.055 .026 248 .045 .072 .127	45
40						.060 .029 147 .056 .078 .127		.046 .021 33 .045 .055 .113		.058 .028 180 .053 .075 .124	40
35			.075 .036 31 .068 .095 .166			.033 .018 21 .029 .050 .073				.058 .036 52 .051 .083 .147	35
30		.052 .035 4 .040 .077 .107	.059 .018 18 .060 .075 .093			.040 .016 32 .043 .055 .068				.047 .021 54 .045 .065 .096	30
25		.064 1								.064 1	25
20		.035 .022 7 .030 .048 .078			.026 .017 2 .026 .037 .041		.038 .008 7 .034 .048 .049			.035 .017 16 .022 .048 .072	20
15											15
10		.040 .002 2 .040 .041 .042				.030 .014 13 .029 .044 .056				.032 .013 15 .031 .043 .056	10
5											5
0											0
5				.014 .006 5 .014 .020 .024						.014 .006 5 .014 .020 .024	5
10											10
15							.024 1			.024 1	15
20											20
25											25
30											30
35											35
40			.043 .018 56 .038 .055 .086				.046 .042 3 .021 .079 .103			.043 .020 59 .038 .056 .103	40
45S				.041 .030 2 .041 .061 .069	.015 1					.032 .027 3 .015 .052 .068	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 270

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					061 .052 / 037 .069 / 8 .139					.061 .052 / .037 .069 / 8 .139
60						103 .081 / 065 .162 / 29 .262				.103 .081 / .065 .162 / 29 .262
55						066 .057 / 038 .079 / 38 .186	090 .065 / 067 .135 / 66 .280	070 .060 / 032 .096 / 34 .152		.079 .058 / .054 .110 / 138 .275
50								069 .064 / 039 .101 / 154 .160		.069 .064 / .039 .101 / 154 .160
45			067 .062 / 027 .070 / 21 .141		042 .031 / 028 .059 / 16 .115	054 .047 / 030 .066 / 6 .111	077 .068 / 048 .110 / 63 .210	060 .052 / 034 .079 / 142 .145		.064 .048 / .038 .094 / 248 .159
40						069 .060 / 039 .101 / 147 .179 4		050 .047 / 029 .061 / 33 .139		.066 .057 / .038 .097 / 180 .165
35			085 .072 / 047 .106 / 31 .212			037 .033 / 017 .056 / 21 .072				.065 .052 / .045 .094 / 52 .194
30		055 .046 / 032 .078 / 4 .103	073 .061 / 053 .088 / 18 .218			042 .044 / 017 .054 / 32 .079				.053 .044 / .037 .072 / 54 .108
25		068 / 1								.068 / 1
20		039 .031 / 025 .054 / 7 .086			035 .035 / 006 .038 / 2 .040		038 .039 / 007 .042 / 7 .048			.038 .038 / .017 .047 / 16 .079
15										
10		038 .038 / 002 .039 / 2 .040				031 .030 / 014 .043 / 13 .057				.032 .031 / .014 .042 / 15 .057
5										
0										
5				020 .020 / 010 .031 / 5 .034						.020 .020 / .010 .031 / 5 .034
10										
15							025 / 1			.025 / 1
20										
25										
30										
35										
40			045 .039 / 024 .063 / 56 .084				031 .023 / 020 .047 / 3 .058			.045 .038 / .024 .062 / 59 .084
45S				040 .040 / 031 .061 / 2 .070	014 / 1					.031 .014 / .028 .053 / 3 .069

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 290

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.090 .085 .056 .119 8 198					.090 .085 .056 .119 8 198
60						.152 .113 .098 .243 29 400				.152 .113 .098 .243 29 400
55						.088 .065 .061 .140 38 .262	.123 .069 .101 .222 67 375	.081 .060 .048 .115 34 208		.103 .065 .083 .177 139 .356
50								.081 .064 .054 .121 154 247		.081 .064 .054 .121 154 247
45			.087 .072 .050 .099 21 .222		.046 .035 .041 .063 16 155	.055 .044 .036 .070 6 124	.099 .084 .068 .140 63 301	.067 .052 .048 .089 142 .195		.075 .051 .056 .114 248 290
40						.082 .062 .064 .115 147 273		.055 .048 .036 .073 33 161		.077 .057 .061 .109 180 .271
35			.104 .087 .058 .154 31 .239			.040 .039 .022 .059 21 .091				.078 .058 .057 .126 52 236
30		.057 .051 .029 .079 4 .099	.079 .065 .052 .095 18 219			.042 .039 .014 .057 32 076				.055 .043 .037 .079 54 .192
25		.071 1								.071 1
20		.045 .032 .027 .060 7 .096			.030 .030 .007 .035 2 .037		.038 .041 .005 .043 7 .044			.040 .030 .019 .051 16 .088
15										
10		.034 .034 0 .000 .034 2 .034				.032 .031 .016 .046 13 .062				.033 .034 .015 .045 15 .062
5										
0										
5				.018 .016 .008 .025 5 .030						.018 .016 .008 .025 5 .030
10										
15							.026 1			.026 1
20										
25										
30										
35										
40			.050 .041 .032 .069 56 .092				.037 .025 .029 .060 3 .075			.049 .041 .032 .070 59 .091
45S				.035 .035 .029 .055 2 .063	.013 1					.028 .013 .026 .048 3 .062

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 310

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.122 .125 .067 .193 8 205					.122 .125 .067 .193 8 205
60						.208 .161 143 .374 29 .513				.208 .161 143 .374 29 .513
55						.128 .090 094 .208 38 .361	.179 .120 137 .313 67 .495	.120 .088 080 .194 34 .336		.150 .098 117 283 139 458
50								.099 .076 077 .157 156 .317		.099 .076 077 .157 156 .317
45			.124 .093 077 .179 21 .319		.052 .036 056 .061 16 .207	.081 .062 051 .118 6 .176	.139 .117 095 .223 63 .393	.090 .068 067 .142 142 .269		.103 .061 079 .183 248 .333
40						.104 .070 090 .161 147 .376		.068 .050 049 .118 33 .185		.097 .063 085 .156 180 .371
35			.134 .095 093 .242 31 .356			.050 .035 038 .080 21 .146				.100 .066 086 .168 52 .326
30	.068 .073 033 .100 4 .103		.080 .067 053 .104 18 .218			.047 .047 018 .063 32 .091				.060 .049 038 .092 54 .116
25	.073 1									.073 1
20	.050 .035 030 .068 7 .106				.025 .025 013 .033 2 .037		.037 .035 004 .042 7 .042			.041 .024 022 .055 16 .098
15										
10	.029 .029 006 .032 2 .034					.034 .035 013 .044 13 .058				.033 .034 012 .044 15 .057
5										
0										
5				.019 .017 010 .029 5 .033						.019 .017 010 .029 5 .033
10										
15							.026 1			.026 1
20										
25										
30										
35										
40			.060 .051 043 .075 56 .190				.043 .026 036 .072 3 .090			.059 .050 043 .079 59 .187
45S				.040 .040 021 .053 2 .059	.013 1					.031 .019 021 .047 3 .058

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.227 .184 .156 .378 8 .509					.227 .184 .156 .378 8 .509
60						.335 .328 174 .532 29 .606				.335 .328 .174 .532 29 .606
55						.213 .154 .149 .391 38 .509	.248 .206 .168 .437 67 .597	.181 .138 .124 .311 33 .449		.222 .140 .156 .401 138 .568
50								.147 .111 .122 .241 155 .500		.147 .111 .122 .241 155 .500
45			.216 .213 .109 .303 21 .463		.061 .038 .072 .069 16 .265	.126 .088 .100 .199 6 .312	.207 .184 .153 .369 63 .544	.132 .089 .106 .240 142 .384		.154 .084 .126 .304 248 .472
40						.138 .080 .127 .249 147 .506		.091 .064 .078 .160 33 .290		.129 .074 .120 .232 180 .505
35			.168 .127 .116 .323 31 .394			.062 .043 .054 .106 21 .206				.125 .070 .109 .225 52 .393
30		.088 .068 .062 .139 4 .183	.093 .081 .061 .129 18 .248			.049 .045 .024 .071 32 .109				.067 .049 .048 .100 54 .186
25		.075 1								.075 1
20		.056 .042 .032 .074 7 .116			.026 .026 .014 .035 2 .038		.041 .039 .009 .053 7 .054			.046 .026 .025 .063 16 .107
15										
10		.025 .025 .012 .033 2 .037				.037 .039 .015 .052 13 .066				.035 .037 .016 .050 15 .065
5										
0										
5				.024 .027 .009 .033 5 .035						.024 .027 .009 .033 5 .035
10										
15							.026 1			.026 1
20										
25										
30										
35										
40			.068 .055 .047 .100 56 .199				.049 .026 .043 .082 3 .106			.067 .055 .047 .103 59 .197
45S				.056 .056 .030 .076 2 .084	.012 1					.041 .026 .032 .066 3 .083

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.365 .254 8 .312 .641 .817					.365 .254 8 .312 .641 .817
60						.471 .204 29 .454 .674 .819				.471 .204 29 .454 .674 .819
55						.328 .193 38 .322 .537 .661	.357 .189 67 .387 .558 .737	.284 .164 33 .307 .444 .621		.332 .187 138 .287 .530 .687
50								.218 .157 158 .197 .380 .622		.218 .157 158 .197 .380 .622
45			.330 .152 21 .358 .435 .617		.087 .104 16 .044 .095 .364	.204 .138 6 .165 .356 .423	.282 .187 63 .298 .480 .643	.201 .137 141 .159 .357 .498		.225 .162 247 .176 .413 .564
40						.192 .161 147 .131 .347 .615		.161 .110 33 .158 .251 .400		.187 .154 180 .119 .339 .599
35			.210 .152 31 .172 .396 .502			.089 .074 21 .051 .169 .263				.161 .140 52 .079 .310 .498
30		.110 .088 4 .078 .183 .247	.105 .069 18 .093 .137 .290			.055 .027 32 .052 .069 .137				.076 .057 54 .056 .105 .254
25		.075 1								.075 1
20		.063 .035 7 .048 .082 .128			.026 .015 2 .026 .036 .040		.058 .033 7 .048 .077 .122			.056 .034 16 .045 .078 .132
15										
10		.032 .007 2 .032 .037 .039				.037 .016 13 .041 .055 .063				.037 .015 15 .039 .054 .062
5										
0										
5				.029 .010 5 .036 .037 .038						.029 .010 5 .036 .037 .038
10										
15							.025 1			.025 1
20										
25										
30										
35										
40			.082 .055 56 .069 .112 .255				.054 .050 3 .025 .092 .120			.081 .055 59 .068 .115 .252
45S				.067 .034 2 .067 .089 .099	.012 1					.048 .038 3 .033 .079 .097

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.477 .334 8 .319 .917 1.018					.477 .334 8 .319 .917 1.018
60						.602 .626 29 .234 .825 1.035				.602 .626 29 .234 .825 1.035
55						.457 .488 38 .200 .628 .818	.482 .520 67 .191 .660 .824	.407 .461 33 .200 .603 .691		.457 .467 138 .198 .635 .818
50								.310 .317 161 .185 .501 .673		.310 .317 161 .185 .501 .673
45			.486 .513 21 .166 .620 .736		.172 .106 16 .221 .177 .792	.359 .360 6 .111 .488 .492	.356 .366 63 .218 .556 .779	.297 .274 141 .169 .497 .639		.322 .293 247 .197 .530 .707
40						.255 .215 147 .180 .449 .698		.265 .295 33 .155 .422 .508		.256 .193 180 .176 .443 .684
35			.256 .214 31 .189 .458 .610			.150 .084 21 .129 .303 .437				.213 .108 52 .175 .441 .602
30		.133 .104 4 .103 .225 .285	.117 .112 18 .070 .147 .289			.067 .049 32 .048 .096 .207				.088 .059 54 .067 .142 .291
25		.075 1								.075 1
20		.071 .063 7 .037 .090 .138			.027 .027 2 .017 .038 .042		.050 .046 7 .015 .069 .069			.056 .049 16 .031 .074 .128
15										
10		.051 .051 2 .009 .057 .060				.037 .029 13 .021 .058 .079				.039 .041 15 .021 .059 .078
5										
0										
5				.034 .038 5 .011 .045 .046						.034 .038 5 .011 .045 .046
10										
15							.025 1			.025 1
20										
25										
30										
35										
40			.094 .077 56 .065 .153 .265				.050 .025 3 .036 .076 .097			.092 .076 59 .065 .149 .262
45S				.069 .069 2 .049 .101 .115	.054 1					.064 .054 3 .040 .097 .114

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.615 .424 8 .429 .988 1.467					.615 .424 8 .429 .988 1.467
60						.720 .248 29 .692 .936 1.244				.720 .248 29 .692 .936 1.244
55						.572 .231 38 .521 .816 .987	.593 .187 67 .600 .782 .959	.492 .203 33 .565 .679 .794		.563 .208 138 .541 .773 .956
50								.405 .209 170 .421 .613 .791		.405 .209 170 .421 .613 .791
45			.645 .190 21 .652 .784 1.024		.277 .228 16 .235 .453 .839	.524 .096 6 .547 .599 .612	.421 .224 63 .427 .620 .819	.392 .202 141 .359 .620 .815		.417 .222 247 .399 .634 .925
40						.322 .210 147 .295 .496 .851		.355 .179 33 .380 .560 .613		.328 .205 180 .262 .517 .850
35			.294 .218 31 .256 .553 .685			.224 .162 21 .122 .430 .483				.266 .200 52 .159 .511 .658
30		.121 .073 4 .125 .193 .196	.142 .084 18 .120 .234 .311			.093 .067 32 .076 .126 .295				.112 .077 54 .076 .193 .327
25		.074 1								.074 1
20		.079 .039 7 .081 .098 .148			.028 .018 2 .028 .040 .045		.059 .016 7 .062 .077 .078			.064 .033 16 .054 .082 .137
15										
10		.070 .023 2 .070 .085 .091				.037 .017 13 .042 .056 .057				.041 .021 15 .044 .057 .082
5										
0										
5				.038 .012 5 .040 .050 .054						.038 .012 5 .040 .050 .054
10										
15							.025 1			.025 1
20										
25										
30										
35										
40			.114 .077 56 .087 .196 .312				.045 .016 3 .047 .059 .063			.110 .077 59 .086 .179 .311
45S				.098 .073 2 .098 .147 .167	.100 1					.098 .059 3 .100 .148 .167

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 410

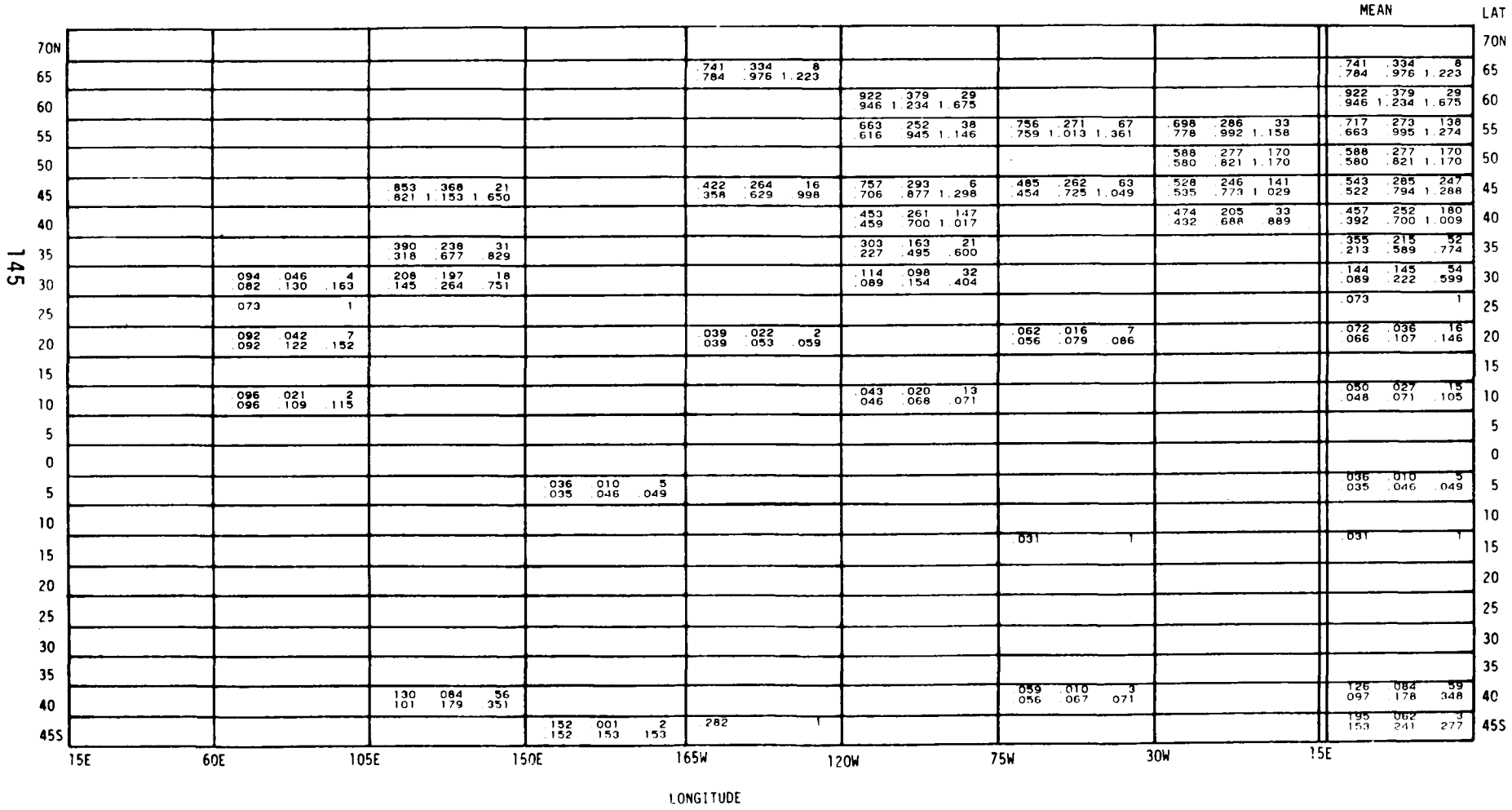
LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.737 .638 8 .564 .910 2.101					.737 .638 8 .564 .910 2.101				
60	.860 .305 29 .875 1.160 1.414						.860 .305 29 .875 1.160 1.414			
55	.654 .249 138 .625 .880 1.210						.644 .276 38 .585 .913 1.210	.678 .237 67 .639 .896 1.233	.619 .233 33 .649 .813 1.047	
50	.504 .218 170 .524 .718 .934								.504 .218 170 .524 .718 .934	
45	.482 .243 247 .464 .741 .951			.716 .258 21 .695 .905 1.348		.376 .217 16 .324 .630 .751	.567 .227 6 .521 .827 .907	.472 .236 63 .458 .702 .907	.459 .225 141 .439 .708 .904	
40	.396 .221 180 .335 .604 .938						.389 .227 147 .373 .584 .954		.429 .191 33 .414 .654 .765	
35	.309 .202 52 .189 .540 .733			.332 .223 31 .212 .626 .755			.275 .159 21 .265 .413 .599			
30	.127 .102 54 .086 .177 .479		.104 .052 4 .100 .153 .175	.170 .130 18 .132 .231 .495			.105 .078 32 .085 .130 .360			
25	.074 1		.074 1							
20	.070 .034 16 .065 .096 .141		.085 .039 7 .088 .109 .149			.033 .020 2 .033 .047 .052		.065 .019 7 .060 .084 .091		
15										
10	.044 .025 15 .047 .062 .094		.083 .022 2 .083 .097 .103				.038 .020 13 .044 .056 .067			
5										
0										
5	.037 .010 5 .040 .046 .049				.037 .010 5 .040 .046 .049					
10										
15	.028 1							.028 1		
20										
25										
30										
35										
40	.115 .075 59 .094 .164 .313			.119 .075 56 .098 .167 .313				.055 .023 3 .060 .074 .079		
45S	.147 .043 3 .164 .181 .188				.138 .051 2 .138 .173 .187	.164 1				

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 430



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 450

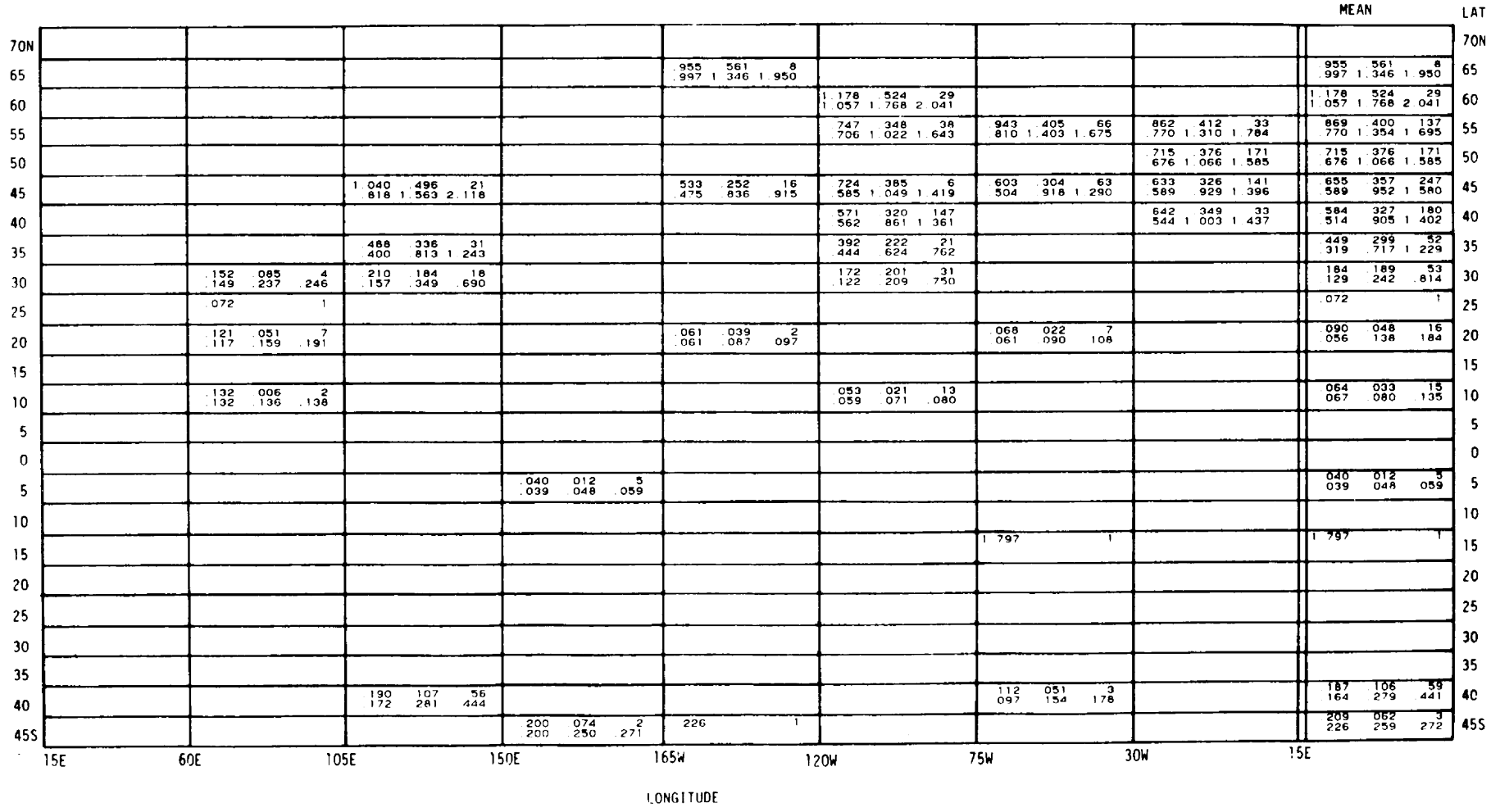
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.877 .437 8 .892 1.365 1.406					.877 .437 8 .892 1.365 1.406
60						1.061 .481 29 .956 1.500 2.122				1.061 .481 29 .956 1.500 2.122
55						.706 .360 38 .622 1.079 1.468	.841 .331 66 .791 1.230 1.554	.748 .320 33 .763 1.016 1.395		.781 .342 137 .755 1.120 1.584
50								.607 .310 171 .617 .911 1.312		.607 .310 171 .617 .911 1.312
45			.991 .470 21 .853 1.474 1.974		.462 .247 16 .488 .659 .957	.799 .255 6 .840 .991 1.159	.539 .296 63 .481 .871 1.216	.589 .287 141 .573 .875 1.228		.607 .331 247 .563 .911 1.481
40						.517 .302 147 .512 .767 1.343		.544 .274 33 .441 .801 1.205		.522 .298 180 .446 .770 1.353
35			.430 .286 31 .343 .729 1.054			.323 .209 21 .225 .490 .801				.387 .263 52 .218 .635 1.035
30		.099 .050 4 .088 .147 .167	.221 .210 18 .150 .331 .780			.142 .173 32 .090 .169 .679				.165 .185 54 .085 .243 .679
25		.073 1								.073 1
20		.103 .047 7 .103 .157 .158			.046 .026 2 .046 .063 .070		.062 .022 7 .059 .086 .097			.078 .042 16 .046 .119 .158
15										
10		.110 .018 2 .110 .122 .127				.047 .017 13 .054 .059 .073				.055 .028 15 .054 .073 .118
5										
0										
5				.036 .012 5 .039 .045 .053						.036 .012 5 .039 .045 .053
10										
15							.298 1			.298 1
20										
25										
30										
35										
40			.146 .090 56 .115 .218 .374				.110 .042 3 .119 .144 .155			.144 .088 59 .116 .206 .374
45S				.177 .022 2 .177 .192 .198	.242 1					.199 .036 3 .199 .228 .240

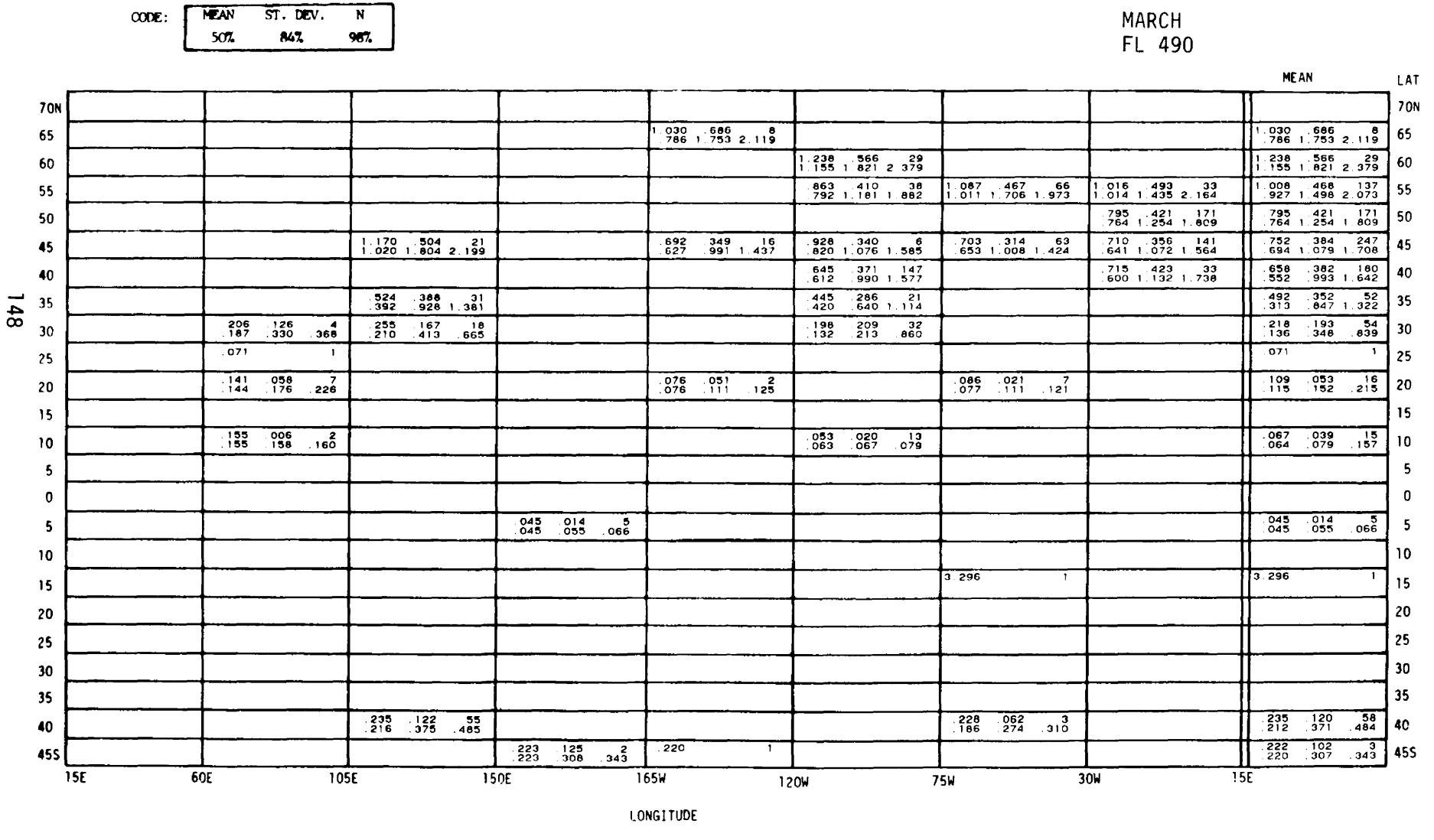
LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 470

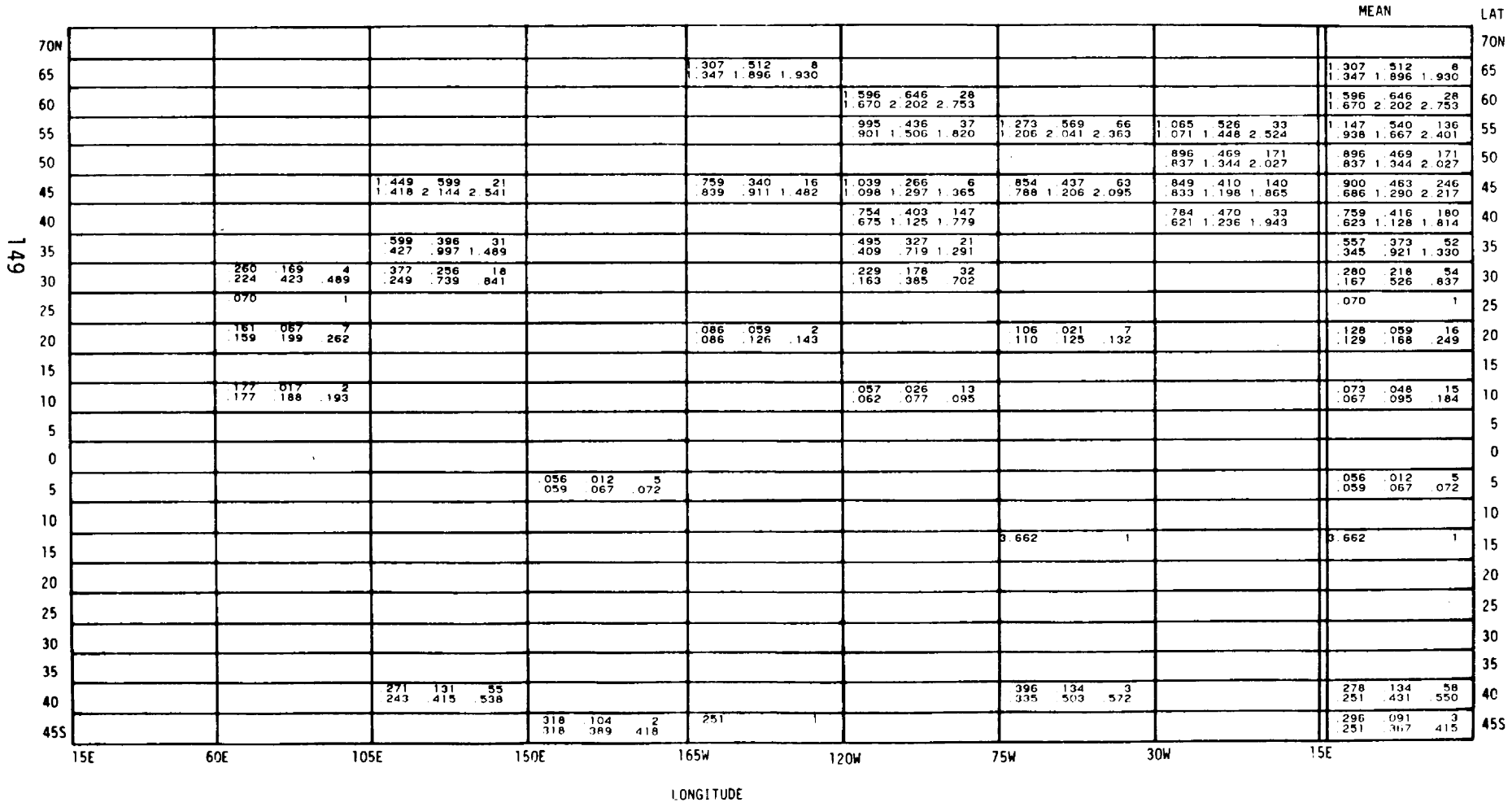



CODE:
MEAN ST. DEV. N
50% 84% 98%
MARCH
FL 490
MEAN
LAT
70N
65
60
55
50
45
40
35
30
25
20
15
10
5
0
5
10
15
20
25
30
35
40
45S
1.030 .686 8
.786 1.753 2.119
1.238 .566 29
1.155 1.821 2.379
.863 .410 38
.792 1.181 1.882
1.087 .467 66
1.011 1.706 1.973
1.016 .493 33
1.014 1.435 2.164
1.008 .468 137
.927 1.498 2.073
.795 .421 171
.764 1.254 1.809
1.170 .504 21
1.020 1.804 2.199
.692 .349 16
.627 .991 1.437
.928 .340 6
.820 1.076 1.585
.703 .314 63
.653 1.008 1.424
.710 .356 141
.641 1.072 1.564
.752 .384 247
.694 1.079 1.708
.645 .371 147
.612 .990 1.577
.715 .423 33
.600 1.132 1.738
.658 .382 180
.552 .993 1.642
.524 .388 31
.392 .928 1.381
.445 .286 21
.420 .640 1.114
.492 .352 52
.313 .847 1.322
.206 .126 4
.187 .330 .368
.255 .167 18
.210 .413 .665
.198 .209 32
.132 .213 .860
.218 .193 54
.136 .348 .839
.071 1
.071 1
.141 .058 7
.144 .176 .226
.076 .051 2
.076 .111 .125
.086 .021 7
.077 .111 .121
.109 .053 16
.115 .152 .215
.155 .006 2
.155 .158 .160
.053 .020 13
.063 .067 .079
.067 .039 15
.064 .079 .157
.045 .014 5
.045 .055 .066
.045 .014 5
.045 .055 .066
3 296 1
3 296 1
.235 .122 55
.216 .375 .485
.228 .062 3
.186 .274 .310
.235 .120 58
.212 .371 .484
.223 .125 2
.223 .308 .343
.220 1
.222 .102 3
.220 .307 .343
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 510



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.492 .543 8 1.456 2.070 2.180					1.492 .543 8 1.456 2.070 2.180
60						1.938 .665 27 2.190 2.512 2.787				1.938 .665 27 2.190 2.512 2.787
55						1.183 .522 37 1.080 1.691 2.293	1.514 .567 66 1.410 2.160 2.701	1.246 .510 33 1.230 1.707 2.576		1.359 .563 136 1.168 1.902 2.812
50								1.049 .486 171 .980 1.486 2.233		1.049 .486 171 .980 1.486 2.233
45			1.661 .674 21 1.635 2.461 2.790		1.076 .416 16 1.133 1.375 1.875	1.289 .222 6 1.311 1.412 1.598	1.060 .477 63 .985 1.647 2.057	1.011 .493 140 .982 1.488 2.106		1.090 .529 246 .839 1.614 2.476
40						.910 .470 147 .791 1.335 2.094		.856 .444 33 .711 1.191 1.861		.900 .466 180 .743 1.335 2.137
35			.698 .446 31 .587 1.008 2.051			.657 .309 21 .664 .931 1.314				.682 .397 52 .479 .986 2.019
30		.314 .213 4 .261 .515 .610	.457 .300 18 .333 .711 1.143			.295 .229 32 .223 .376 .961				.350 .265 54 .237 .574 1.170
25		.070 1								.070 1
20		.183 .078 7 .188 .223 .297			.099 .060 2 .099 .140 .157		.136 .031 7 .135 .175 .185			.152 .067 16 .148 .205 .281
15										
10		.199 .030 2 .199 .219 .227				.061 .029 13 .066 .090 .104				.079 .055 15 .069 .104 .211
5										
0										
5				.073 .031 5 .069 .096 .123						.073 .031 5 .069 .096 .123
10										
15							.232 1			.232 1
20										
25										
30										
35										
40			.383 .170 56 .366 .548 .708				.484 .105 3 .483 .571 .608			.388 .169 59 .366 .550 .707
45S				.435 .061 2 .435 .476 .494	.620 1					.496 .101 3 .496 .580 615

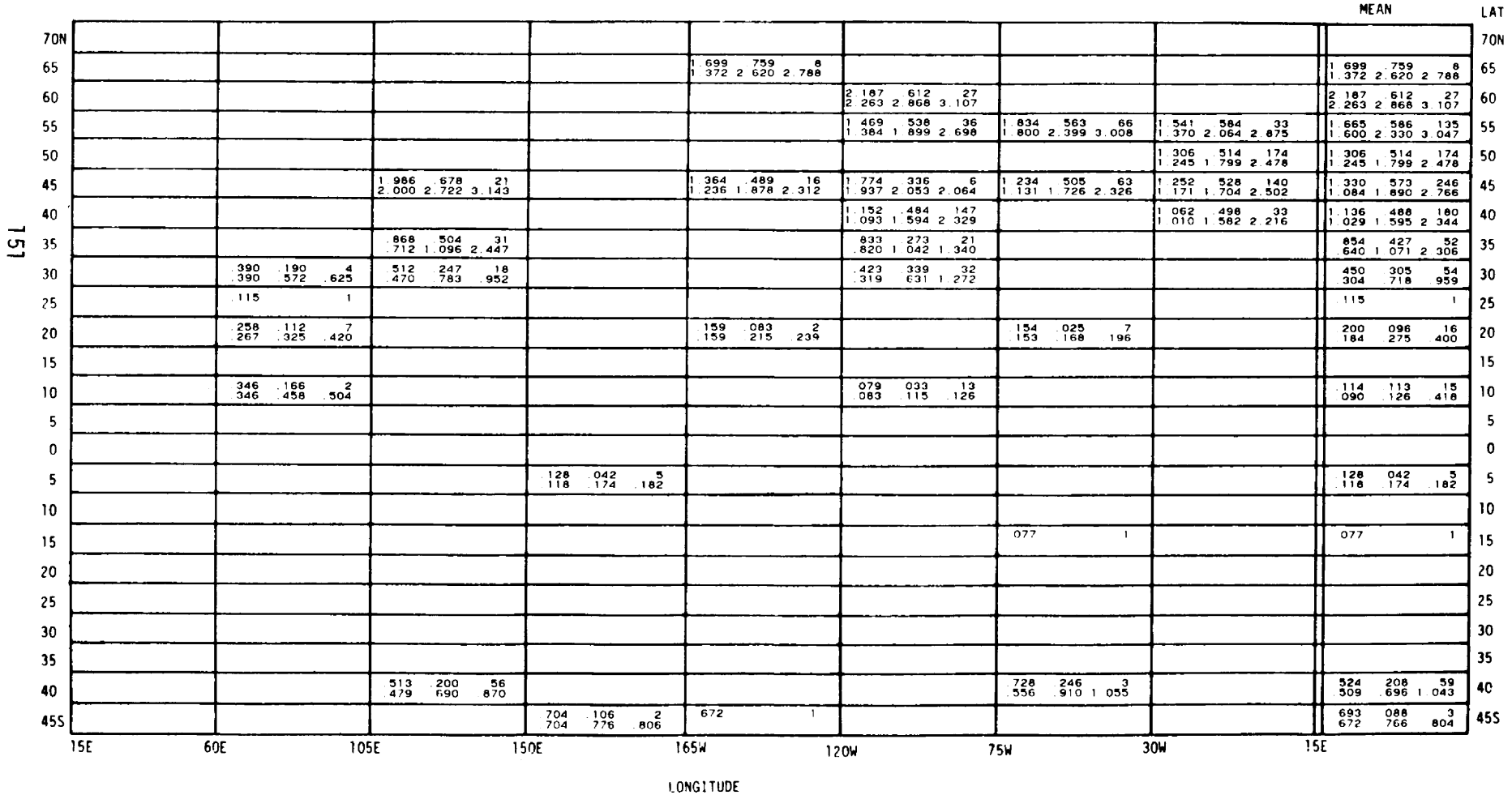
LONGITUDE

150

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 550



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					1.831 .774 8 2.002 2.897 .476					1.831 .774 8 1.928 2.290 2.884	65
60						2.600 .614 27 2.614 3.190 3.701				2.600 .614 27 2.614 3.190 3.701	60
55						1.770 .586 36 1.621 2.371 3.052	2.067 .610 66 1.940 2.773 3.325	1.773 .548 33 1.714 2.280 2.987		1.916 .607 135 1.790 2.562 3.340	55
50								1.560 .539 174 1.558 2.103 2.706		1.560 .539 174 1.558 2.103 2.706	50
45			2.195 .637 21 2.271 2.667 3.475		1.707 .448 16 1.746 2.135 2.281	2.067 .508 6 2.106 2.591 2.637	1.507 .535 63 1.405 2.055 2.659	1.522 .560 140 1.417 2.142 2.871		1.601 .590 246 1.326 2.246 2.974	45
40						1.408 .490 147 1.411 1.873 2.445		1.280 .463 33 1.249 1.724 2.304		1.384 .487 180 1.338 1.872 2.409	40
35			1.127 .548 31 .999 1.502 2.660			1.146 .394 21 1.149 1.599 1.852				1.135 .490 52 .871 1.599 2.387	35
30		.614 .262 4 .629 .861 .927	.679 .255 18 .715 .972 1.072			.587 .362 32 .477 .861 1.542				.620 .326 54 .439 .920 1.272	30
25		.159 1								.159 1	25
20		.344 .155 7 .348 .490 .556			.375 .163 2 .375 .486 .531		.221 .054 7 .261 .265 .267			.294 .139 16 .224 .441 .557	20
15											15
10		.518 .288 2 .518 .713 .794				.118 .045 13 .113 .153 .214				.171 .177 15 .119 .214 .644	10
5											5
0											0
5				.287 .055 5 .324 .334 .341						.287 .055 5 .324 .334 .341	5
10											10
15							.084 1			.084 1	15
20											20
25											25
30											30
35											35
40			.695 .224 56 .693 .923 1.116				.791 .156 3 .750 .919 .989			.700 .222 59 .702 .942 1.113	40
45S				.805 .019 2 .805 .817 .822	.908 1					.839 .051 3 .823 .881 .905	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MARCH
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.764 .503 8 2.961 3.173 3.344					2.764 .503 8 2.961 3.173 3.344
60						2.672 .738 27 2.762 3.390 2.099				2.672 .738 27 2.728 3.372 3.731
55						2.092 .469 36 1.960 2.634 3.047	2.363 .693 65 2.330 3.047 3.983	2.094 .505 33 2.104 2.582 3.111		2.224 .611 134 2.037 2.722 3.642
50								1.884 .619 174 1.864 2.518 3.332		1.884 .619 174 1.864 2.518 3.332
45			2.504 .565 21 2.590 2.894 3.530		1.889 .367 16 1.914 2.258 2.547	2.277 .310 6 2.215 2.621 2.732	1.871 .621 63 1.735 2.439 3.454	1.827 .594 140 1.744 2.510 3.197		1.911 .613 246 1.604 2.589 3.366
40						1.695 .538 146 1.705 2.271 2.882		1.549 .430 33 1.552 2.050 2.264		1.668 .523 179 1.685 2.173 2.848
35			1.483 .530 31 1.366 2.005 2.661			1.331 .502 21 1.218 1.835 2.416				1.422 .525 52 1.116 1.879 2.423
30		.856 .391 4 .778 1.209 1.418	.900 .320 18 .895 1.091 1.637			.810 .424 32 .709 1.184 1.829				.843 .393 54 .603 1.201 1.768
25		.317 1								.317 1
20		.506 .218 7 .570 .660 .755			.740 .094 2 .740 .804 .830		.451 .081 7 .461 .533 .552			.511 .181 16 .439 .651 .815
15										
10		.688 .395 2 .688 .957 1.067				.217 .061 13 .206 .274 .331				.280 .223 15 .211 .316 .873
5										
0										
5				.482 .054 5 .449 .545 .554						.482 .054 5 .449 .545 .554
10										
15							.152 1			.152 1
20										
25										
30										
35										
40			.905 .243 56 .900 1.137 1.374				1.151 .291 3 .949 1.366 1.537			.917 .252 59 .936 1.143 1.437
45S				.916 .098 2 .916 .983 1.010	1.151 1					.994 .137 3 1.014 1.107 1.146

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.039 .040 .016 .054 11 072					.039 .040 .016 .054 11 072
60						.050 .052 .015 .064 33 072				.050 .052 .015 .064 33 072
55						.055 .052 .022 .066 30 108	.058 .059 .017 .073 61 090	.055 .057 .010 .067 36 072		.056 .057 .017 .070 127 089
50								.059 .057 .020 .078 150 101		.059 .057 .020 .078 150 101
45			.060 .059 .013 .072 21 089		.055 .047 .021 .081 13 085	.050 .046 .023 .061 13 107	.056 .056 .021 .074 57 099	.052 .051 .013 .062 131 086		.054 .053 .017 .066 235 096
40						.053 .053 .017 .066 119 093		.056 .055 .016 .067 29 095		.054 .050 .017 .066 148 094
35			.059 .061 .014 .072 25 083			.044 .039 .022 .070 16 086				.054 .052 .019 .072 41 085
30		.052 .051 .014 .062 19 079	.055 .051 .017 .064 19 095			.048 .047 .013 .059 30 071				.051 .048 .014 .062 68 081
25		.058 .057 .013 .069 3 073								.058 .057 .013 .069 3 073
20		.039 .039 .005 .044 9 045			.008 1		.043 .038 .019 .051 14 087			.040 .032 .017 .047 24 085
15										
10		.015 .015 .001 .016 3 016				.036 .035 .019 .056 14 067				.033 .032 .019 .053 17 067
5										
0										
5				.003 1						.003 1
10										
15							.006 1			.006 1
20										
25										
30										
35										
40			.034 .031 .010 .040 48 058				.021 1			.034 .031 .010 .040 49 057
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 210

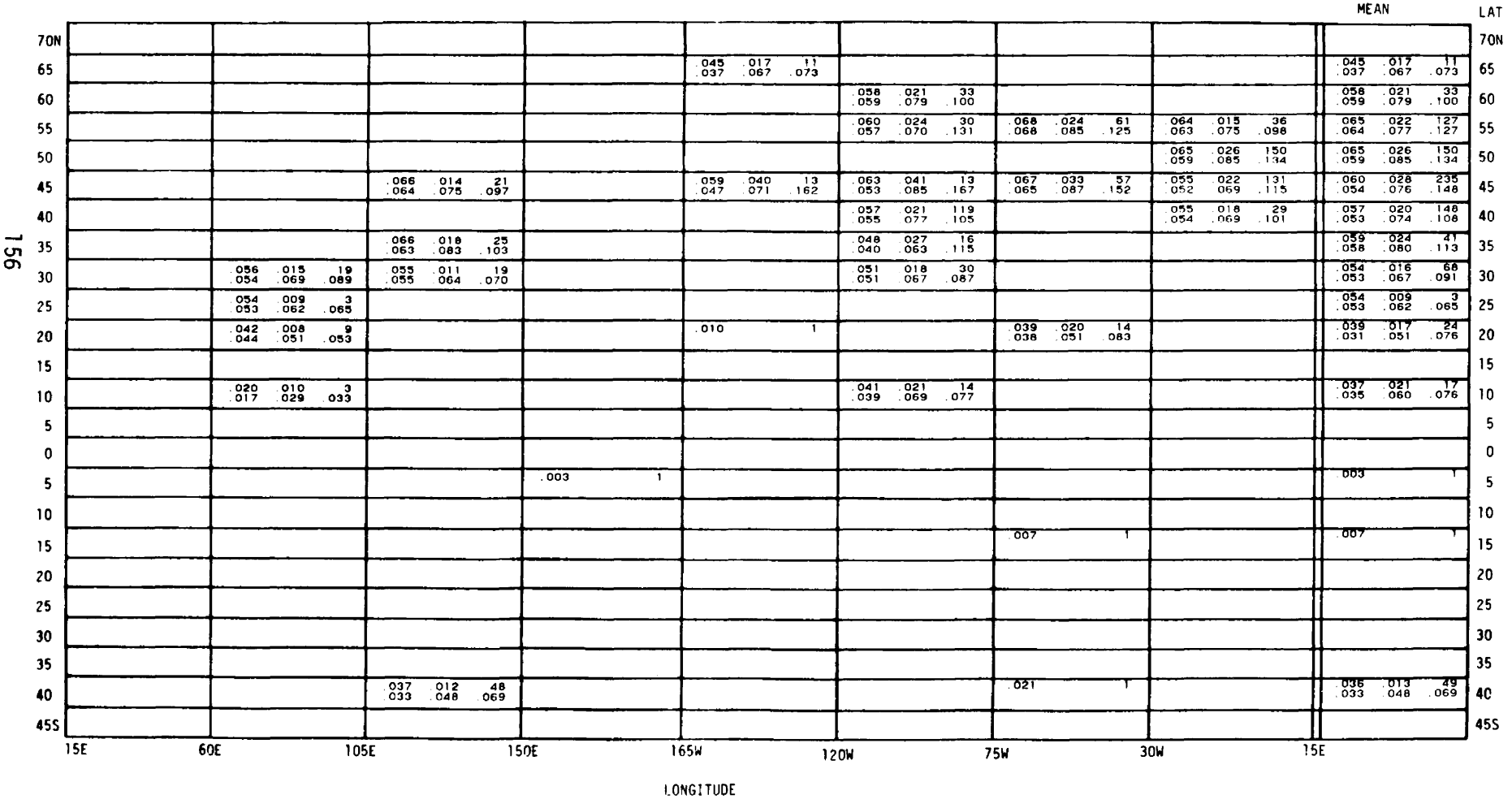
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.041 .041 .013 .056 11 .061					.041 .041 .013 .056 11 .061
60						.055 .055 .025 .069 33 .108				.055 .055 .025 .069 33 .108
55						.058 .055 .024 .070 30 .129	.061 .064 .019 .077 61 .094	.059 .060 .011 .070 36 .084		.060 .060 .018 .074 127 .098
50								.062 .059 .024 .079 150 .114		.062 .059 .024 .079 150 .114
45			.062 .061 .012 .077 21 .083		.053 .047 .021 .075 13 .094	.053 .043 .023 .076 13 .105	.059 .059 .020 .078 57 .101	.054 .052 .016 .064 131 .098		.056 .053 .018 .071 235 .102
40						.055 .055 .017 .071 119 .089		.056 .055 .016 .068 29 .093		.055 .053 .017 .071 148 .089
35			.062 .062 .015 .078 25 .086			.046 .043 .020 .063 16 .088				.056 .055 .019 .077 41 .089
30		.054 .053 .014 .065 19 .083	.054 .054 .013 .063 19 .082			.049 .054 .018 .066 30 .079				.052 .051 .016 .065 68 .086
25		.056 .055 .011 .065 3 .069								.056 .055 .011 .065 3 .069
20		.040 .042 .007 .046 9 .049			.009 1		.040 .037 .021 .054 14 .089			.039 .030 .018 .048 24 .085
15										
10		.017 .015 .006 .022 3 .025				.037 .036 .018 .049 14 .072				.034 .029 .018 .048 17 .071
5										
0										
5				.003 1						.003 1
10										
15							.006 1			.006 1
20										
25										
30										
35										
40			.034 .032 .011 .044 48 .067				.021 1			.034 .031 .011 .044 49 .067
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

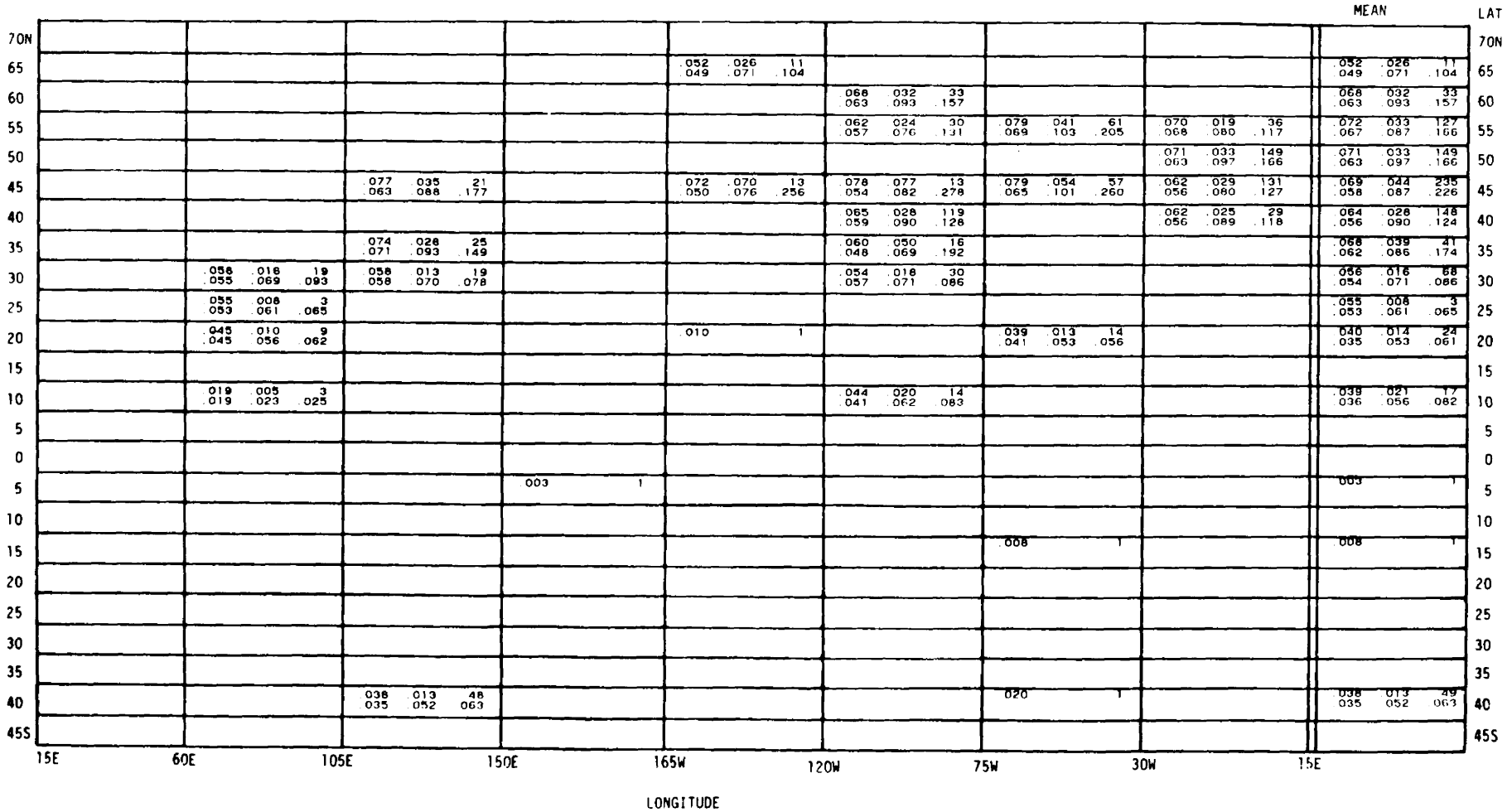
APRIL
FL 230



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 250



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 270

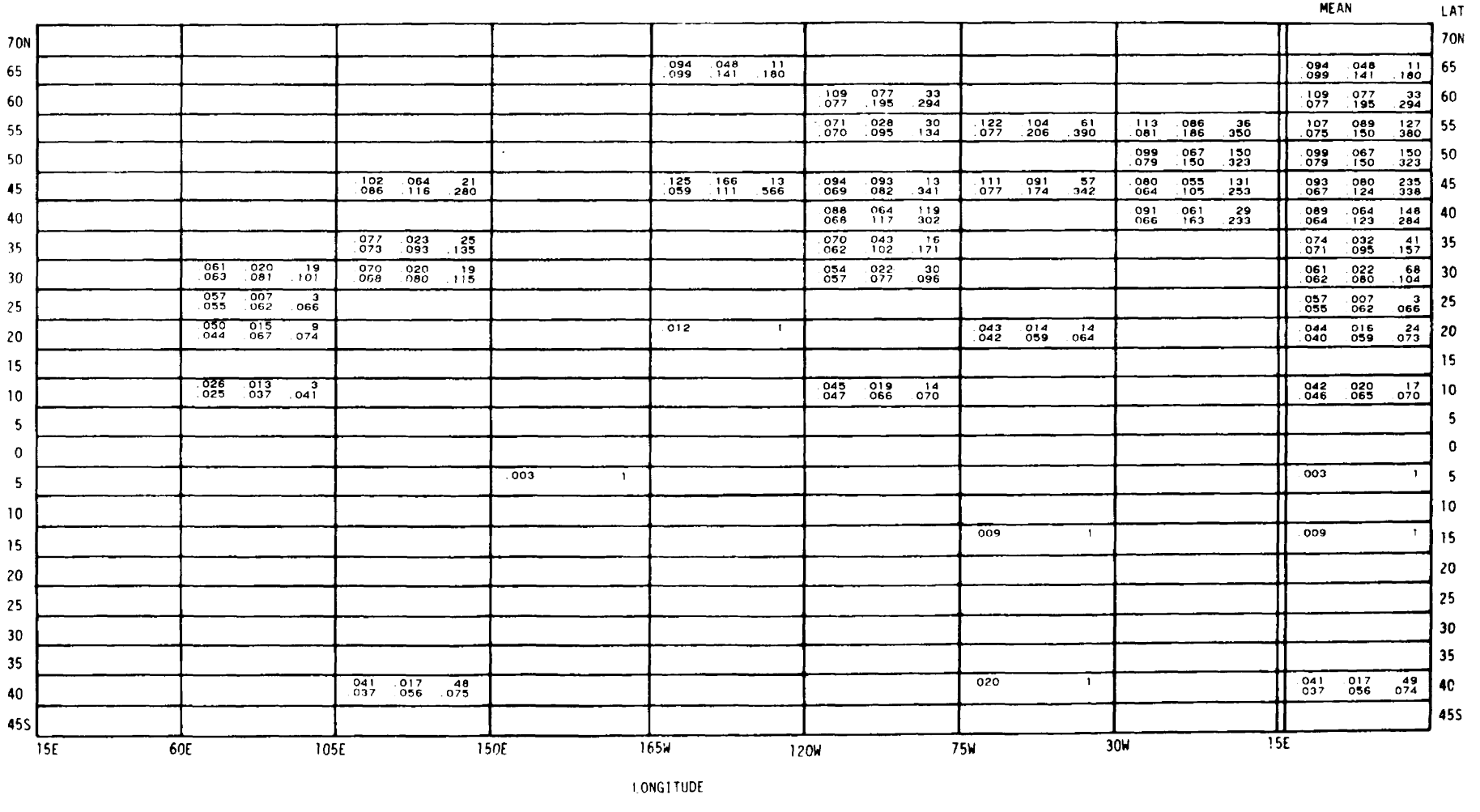
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.063 .026 11 .067 .080 .113					.063 .026 11 .067 .080 .113
60						.077 .045 33 .065 .107 .213				.077 .045 33 .065 .107 .213
55						.065 .024 30 .062 .082 .120	.099 .073 61 .072 .175 .311	.083 .043 36 .072 .098 .216		.087 .058 127 .070 .111 .276
50								.081 .045 150 .070 .109 .196		.081 .045 150 .070 .109 .196
45			.088 .044 21 .077 .117 .205		.095 .113 13 .055 .094 .394	.085 .096 13 .057 .080 335	.097 .081 57 .071 .143 .337	.070 .040 131 .061 .092 179		.080 .063 235 .062 .104 .283
40						.077 .050 119 .064 .101 .224		.075 .039 29 .063 .120 .165		.077 .048 148 .062 .104 .209
35			.074 .025 25 .073 .091 .133			.064 .056 16 .047 .075 .210				.070 .040 41 .065 .087 .162
30		.059 .017 19 .061 .072 .096	.068 .026 19 .062 .074 .138			.053 .019 30 .055 .073 .082				.059 .022 68 .059 .073 .114
25		.055 .007 3 .054 .061 .065								.055 .007 3 .054 .061 .065
20		.047 .014 9 .044 .061 .072			.011 1		.040 .015 14 .038 .059 .061			.042 .016 24 .032 .060 .069
15										
10		.020 .005 3 .023 .024 .025				.049 .020 13 .044 .068 .086				.043 .021 16 .039 .068 .085
5										
0										
5				.003 1						.003 1
10										
15							.008 1			.008 1
20										
25										
30										
35										
40			.039 .014 48 .039 .052 .068				.020 1			.038 .014 49 .037 .052 .068
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

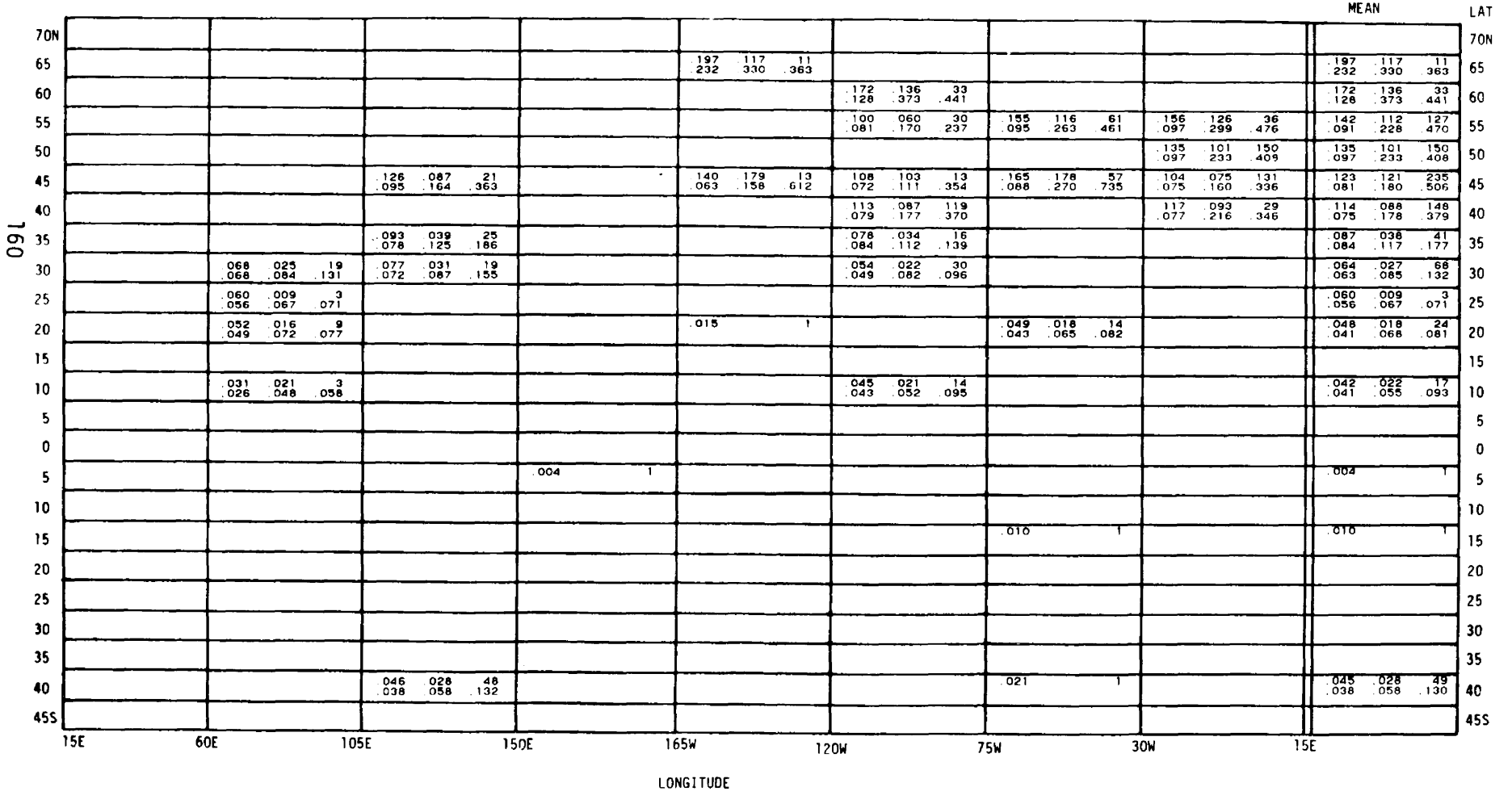
APRIL
FL 290



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 310



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.337 .370 .165 .468 11 .595					.337 .370 .165 .468 11 .595
60						.273 .244 .178 .479 33 .598				.273 .244 .178 .479 33 .598
55						.160 .132 .114 .278 30 .426	.227 .191 .162 .413 61 .550	.229 .163 .156 .415 36 .593		.212 .154 .153 .383 127 .567
50								.194 .150 .140 .343 150 .531		.194 .150 .140 .343 150 .531
45			.188 .178 .114 .286 21 .438		.171 .087 .216 .237 13 .724	.153 .116 .138 .200 13 .479	.214 .096 .232 .359 57 .969	.151 .101 .113 .266 131 .441		.171 .102 .160 .289 235 .637
40						.152 .091 .127 .299 119 .512		.153 .104 .119 .264 29 .440		.152 .089 .126 .295 148 .510
35			.113 .091 .073 .148 25 .330			.088 .087 .040 .132 16 .144				.104 .091 .064 .141 41 .297
30		.078 .072 .042 .090 19 .191	.088 .081 .047 .103 19 .216			.056 .051 .025 .089 30 .108				.072 .063 .039 .093 68 .206
25		.066 .057 .013 .076 3 .084								.066 .057 .013 .076 3 .084
20		.054 .050 .017 .075 9 .083			.020 1		.050 .042 .021 .070 14 .095			.050 .037 .021 .073 24 .093
15										
10		.035 .027 .025 .056 3 .067				.043 .041 .018 .051 14 .084				.041 .040 .020 .051 17 .087
5										
0										
5				005 1						.005 1
10										
15							011 1			011 1
20										
25										
30										
35										
40			.054 .046 .033 .071 48 .177				023 1			.053 .044 .033 .071 49 .177
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.515 .593 | .227 .732 | 11 .769					.515 .593 | .227 .732 | 11 .769
60						.417 .409 | .243 .643 | 33 .868				.417 .409 | .243 .643 | 33 .868
55						.233 .199 | .152 .379 | 30 .562	.320 .274 | .197 .543 | 61 .657	.342 .348 | .197 .554 | 36 .689		.306 .274 | .192 .525 | 127 .661
50								.282 .287 | .171 .471 | 151 .626		.282 .287 | .171 .471 | 151 .626
45			.268 .300 | .160 .417 | 21 .576		.208 .111 | .221 .281 | 13 .758	.261 .218 | .200 .519 | 13 .632	.265 .130 | .274 .411 | 57 1.135	.219 .179 | .141 .381 | 131 .541		.236 .169 | .192 .400 | 235 .710
40						.195 .123 | .160 .363 | 119 .612		.225 .182 | .142 .380 | 29 .552		.200 .119 | .157 .374 | 148 .586
35			.149 .106 | .123 .229 | 25 .510			.111 .089 | .080 .181 | 16 .299				.134 .095 | .110 .205 | 41 .459
30		.094 .082 | .055 .103 | 19 .247	.097 .094 | .049 .119 | 19 .221			.062 .055 | .027 .090 | 30 .120				.081 .068 | .046 .103 | 68 .224
25		.071 .063 | .016 .083 | 3 .092								.071 .063 | .016 .083 | 3 .092
20		.058 .059 | .021 .077 | 9 .094			.020 | 1		.054 .048 | .021 .071 | 14 .098			.054 .045 | .022 .075 | 24 .099
15										
10		.041 .030 | .026 .061 | 3 .074				.041 .040 | .017 .055 | 14 .076				.041 .039 | .019 .057 | 17 .080
5										
0										
5				.007 | 1						.007 | 1	
10										
15							.012 | 1			.012 | 1
20										
25										
30										
35										
40			.061 .051 | .029 .083 | 48 .141				.025 | 1			.060 .051 | .029 .083 | 49 .141
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.611 .733 / .238 .811 / 11 .897					.611 .733 / .238 .811 / 11 .897
60						.555 .578 / .252 .776 / 33 1.006				.555 .578 / .252 .776 / 33 1.006
55						.337 .364 / .195 .514 / 30 .716	.430 .458 / .202 .626 / 61 .770	.439 .477 / .219 .680 / 36 .764		.411 .407 / .209 .639 / 127 .774
50								.396 .420 / .185 .581 / 152 .732		.396 .420 / .185 .581 / 152 .732
45			.384 .373 / .182 .561 / 21 .699		.355 .337 / .261 .568 / 13 .868	.345 .390 / .205 .529 / 13 .697	.327 .247 / .283 .515 / 57 1.296	.313 .302 / .165 .504 / 131 .633		.327 .302 / .210 .519 / 235 .740
40						.257 .182 / .195 .487 / 119 .739		.323 .325 / .179 .509 / 29 .615		.270 .165 / .193 .504 / 148 .696
35			.218 .140 / .190 .418 / 25 .719			.136 .108 / .098 .237 / 16 .348				.186 .117 / .165 .290 / 41 .694
30		.115 .093 / .069 .157 / 19 .299	.110 .100 / .064 .160 / 19 .268			.071 .065 / .052 .092 / 30 .220				.094 .070 / .064 .134 / 68 .312
25		.075 .069 / .016 .088 / 3 .096								.075 .069 / .016 .088 / 3 .096
20		.063 .068 / .026 .080 / 9 .112			.009 / 1		.060 .052 / .021 .079 / 14 .102			.059 .049 / .025 .081 / 24 .114
15										
10		.047 .035 / .026 .068 / 3 .081				.043 .043 / .020 .055 / 14 .083				.043 .043 / .021 .065 / 17 .084
5										
0										
5				.008 / 1						.008 / 1
10										
15							.014 / 1			.014 / 1
20										
25										
30										
35										
40			.075 .064 / .032 .114 / 48 .140				.027 / 1			.074 .064 / .032 .113 / 49 .140
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 390

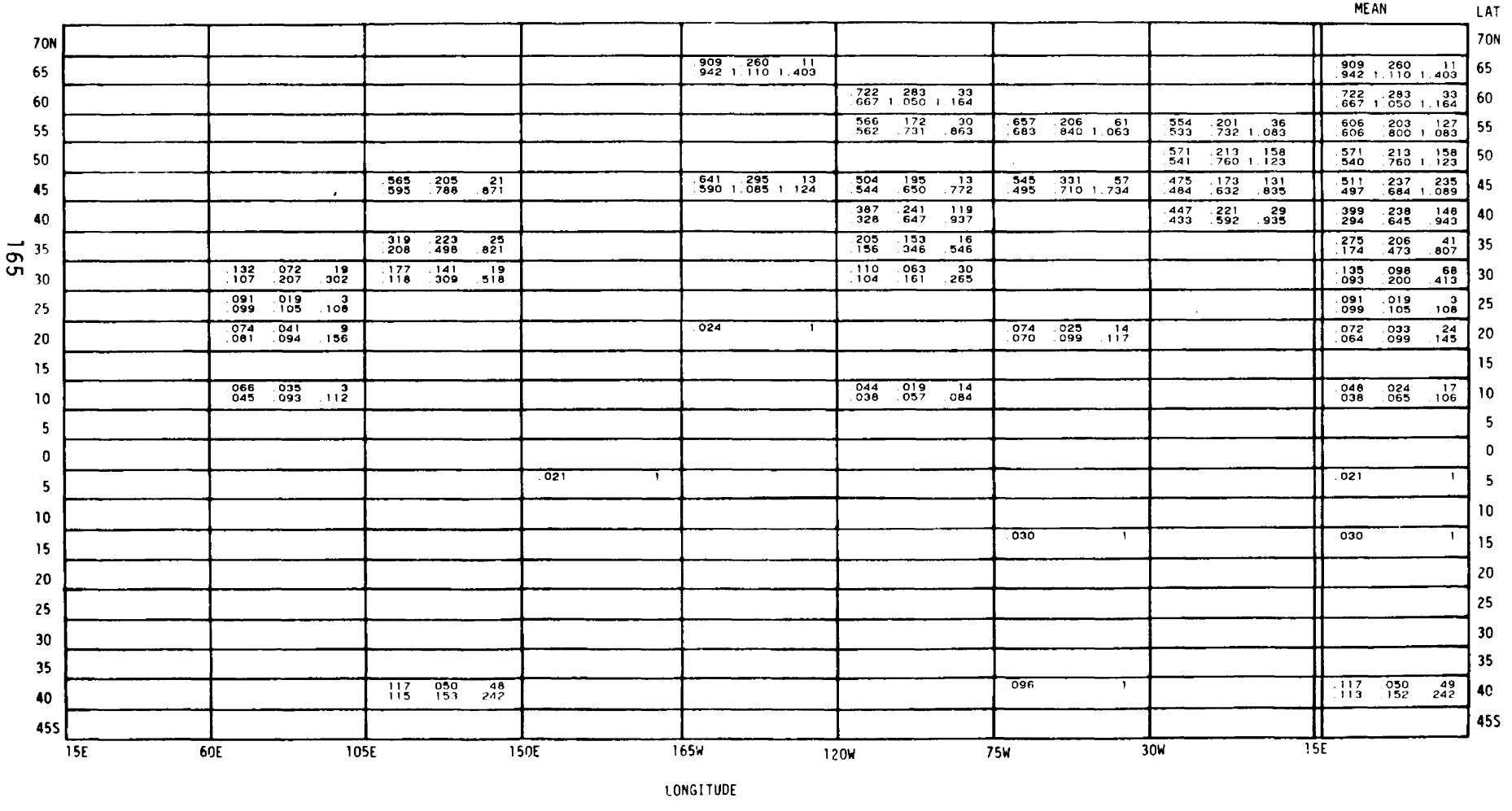
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.769 .752 .209 .990 11 1.068					.769 .752 .209 .990 11 1.068
60						.635 .588 .224 .870 33 1.035				.635 .588 .224 .870 33 1.035
55						.449 .481 .198 .617 30 .817	.555 .538 .195 .757 61 .847	.507 .517 .209 .696 36 .893		.517 .523 .205 .730 127 .877
50								.486 .495 .195 .673 158 .890		.486 .495 .195 .673 158 .890
45			.492 .539 .201 .659 21 .848		.504 .512 .281 .833 13 1.012	.450 .497 .212 .640 13 .748	.438 .382 .303 .602 57 1.562	.403 .400 .186 .595 131 .776		.428 .404 .230 .622 235 .897
40						.322 .248 .239 .546 119 .926		.386 .394 .212 .576 29 .787		.335 .228 .236 .552 148 .883
35			.268 .170 .236 .503 25 .827			.165 .124 .129 .303 16 .458				.228 .143 .207 .372 41 .802
30		.132 .096 .084 .206 19 .336	.132 .096 .094 .196 19 .369			.085 .079 .048 .114 30 .224				.111 .077 .078 .174 68 .336
25		.079 .079 .016 .093 3 .098								.079 .079 .016 .093 3 .098
20		.069 .075 .031 .084 9 .131			.016 1		.060 .056 .017 .073 14 .099			.062 .053 .025 .081 24 .122
15										
10		.054 .040 .028 .076 3 .091				.043 .041 .021 .050 14 .094				.045 .040 .023 .050 17 .104
5										
0										
5				.011 1						.011 1
10										
15							.018 1			.018 1
20										
25										
30										
35										
40			.092 .082 .042 .135 48 .196				.061 1			.091 .081 .042 .135 49 .196
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 410



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.954 .262 11 .884 1.237 1.305					.954 .262 11 .884 1.237 1.305
60						.799 .346 32 .757 1.176 1.483				.799 .346 32 .757 1.176 1.483
55						.658 .206 30 .660 .877 1.053	.732 .237 61 .728 .965 1.227	.587 .217 36 .587 .797 1.051		.673 .232 127 .661 .930 1.212
50								.636 .275 158 .596 .839 1.444		.636 .275 158 .596 .839 1.444
45			.640 .209 21 .647 .805 .981		.765 .347 13 .620 1.086 1.554	.534 .211 13 .602 .700 .722	.601 .348 57 .525 .786 1.631	.541 .188 131 .538 .723 .903		.576 .256 235 .565 .756 1.216
40						.459 .264 119 .396 .665 1.122		.494 .235 29 .474 .699 1.028		.466 .259 148 .383 .675 1.109
35			.372 .224 25 .318 .615 .790			.214 .173 16 .152 .326 .633				.311 .220 41 .239 .579 .773
30		.131 .061 19 .119 .180 .269	.208 .160 19 .158 .359 .591			.119 .065 30 .102 .143 .305				.148 .108 68 .102 .233 .398
25		.101 .027 3 .099 .124 .135								.101 .027 3 .099 .124 .135
20		.079 .051 9 .088 .103 .181			.033 1		.081 .038 14 .073 .110 .174			.078 .044 24 .064 .107 .193
15										
10		.077 .043 3 .049 .110 .134				.046 .020 14 .042 .063 .086				.051 .028 17 .044 .070 .122
5										
0										
5				.031 1						.031 1
10										
15							.021 1			.021 1
20										
25										
30										
35										
40			.145 .070 48 .134 .198 .318				.159 1			.145 .069 49 .134 .198 .318
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.140 .479 11 1.079 1.634 1.851					1.140 .479 11 1.079 1.634 1.851
60						.906 .382 32 .865 1.358 1.526				.906 .382 32 .865 1.358 1.526
55						.659 .234 30 .649 .872 1.165	.797 .290 61 .783 1.109 1.333	.691 .256 36 .706 .913 1.188		.735 .275 127 .721 1.030 1.323
50								.734 .337 158 .676 .972 1.644		.734 .337 158 .676 .972 1.644
45			.685 .277 21 .678 .998 1.172		.831 .373 13 .773 1.199 1.427	.689 .314 13 .724 .919 1.206	.641 .350 57 .608 .977 1.439	.602 .241 131 .583 .835 1.192		.636 .292 235 .620 .884 1.370
40						.523 .302 119 .445 .749 1.206		.525 .275 29 .487 .809 1.059		.524 .296 148 .414 .752 1.174
35			.408 .280 25 .375 .742 .991			.270 .210 16 .190 .450 .750				.354 .264 41 .282 .674 .980
30		.135 .056 19 .131 .167 .255	.240 .217 19 .158 .418 .808			.128 .062 30 .116 .162 .310				.161 .135 68 .108 .214 .529
25		.113 .037 3 .100 .143 .160								.113 .037 3 .100 .143 .160
20		.086 .062 9 .093 .117 .211			.041 1		.088 .049 14 .076 .137 .205			.085 .054 24 .065 .127 .226
15										
10		.091 .049 3 .062 .129 .156				.052 .022 14 .049 .067 .102				.059 .033 17 .051 .070 .145
5										
0										
5				.039 1						.039 1
10										
15							.015 1			.015 1
20										
25										
30										
35										
40			.175 .093 48 .165 .245 .423				.180 1			.175 .092 49 .167 .241 .423
45S										

LONGITUDE

167

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.340 .529 11 1.388 1.861 2.057					1.340 .529 11 1.388 1.861 2.057
60						.928 .413 32 .842 1.347 1.788				.928 .413 32 .842 1.347 1.788
55						.765 .277 30 .781 1.013 1.275	.856 .345 61 .806 1.224 1.398	.794 .284 36 .767 1.066 1.416		.817 .316 127 .781 1.157 1.397
50								.833 .394 158 .814 1.143 2.024		.833 .394 158 .814 1.143 2.024
45			.782 .329 21 .843 1.142 1.235		.812 .365 13 .692 1.146 1.527	.872 .361 13 1.066 1.148 1.342	.691 .336 57 .687 .974 1.592	.676 .300 131 .650 .910 1.526		.707 .324 235 .685 1.049 1.541
40						.590 .338 119 .539 .830 1.457		.574 .316 29 .547 .932 1.120		.587 .334 148 .501 .847 1.448
35			.462 .300 25 .350 .763 1.081			.245 .156 16 .172 .423 .568				.377 .275 41 .273 .717 .999
30		.158 .061 19 .155 .234 .283	.257 .249 19 .153 .383 .926			.147 .084 30 .129 .200 .397				.181 .154 68 .121 .235 .623
25		.128 .041 3 .105 .159 .182								.128 .041 3 .105 .159 .182
20		.100 .075 9 .095 .148 .257			.051 1		.096 .043 14 .086 .154 .181			.095 .058 24 .077 .160 .234
15										
10		.117 .051 3 .110 .159 .179				.050 .021 14 .051 .062 .094				.062 .039 17 .053 .087 .159
5										
0										
5				.037 1						.037 1
10										
15							.025 1			.025 1
20										
25										
30										
35										
40			.216 .136 48 .184 .325 .581				.182 1			.215 .134 49 .183 .324 .580
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.593 .462 11 1.870 2.025 2.073					1.593 .462 11 1.870 2.025 2.073
60						1.124 .533 33 1.054 1.787 2.304				1.124 .533 33 1.054 1.787 2.304
55						.906 .410 30 .868 1.343 1.607	.972 .405 61 .947 1.396 1.869	.953 .412 36 .919 1.251 1.992		.951 .409 127 .909 1.342 1.893
50								.963 .461 158 .889 1.339 2.252		.963 .461 158 .889 1.339 2.252
45			.925 .488 21 .974 1.403 1.863		.875 .300 13 .890 1.239 1.374	.937 .310 13 .953 1.175 1.418	.765 .335 57 .732 1.019 1.556	.761 .358 131 .721 1.073 1.680		.793 .366 235 .757 1.116 1.777
40						.650 .374 119 .607 .917 1.671		.661 .367 29 .559 1.090 1.356		.652 .372 148 .542 .932 1.644
35			.547 .335 25 .531 .749 1.352			.272 .167 16 .226 .481 .618				.440 .312 41 .362 .684 1.229
30		.183 .069 19 .174 .246 .335	.290 .260 19 .213 .424 .994			.173 .124 30 .136 .201 .531				.208 .172 68 .141 .320 .712
25		.143 .045 3 .112 .176 .202								.143 .045 3 .112 .176 .202
20		.115 .089 9 .097 .182 .305			.060 1		.101 .036 14 .102 .127 .169			.104 .062 24 .087 .139 .271
15										
10		.143 .058 3 .159 .190 .202				.059 .028 14 .061 .083 .117				.074 .048 17 .065 .104 .190
5										
0										
5				.036 1						.036 1
10										
15							.035 1			.035 1
20										
25										
30										
35										
40			.229 .128 48 .195 .306 .599				.382 1			.232 .128 49 .196 .317 .598
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.743 .608 11 2.037 2.272 2.491					1.743 .608 11 2.037 2.272 2.491
60						1.334 .600 33 1.320 1.878 2.675				1.334 .600 33 1.320 1.878 2.675
55						1.089 .540 30 1.036 1.738 2.127	1.112 .429 60 1.010 1.525 2.200	1.077 .404 36 1.057 1.427 1.954		1.097 .452 126 1.015 1.529 2.216
50								1.129 .515 158 1.068 1.517 2.576		1.129 .515 158 1.068 1.517 2.576
45			1.052 .515 21 1.028 1.461 2.146		.939 .372 13 .859 1.324 1.594	1.064 .343 13 1.112 1.191 1.731	.819 .365 57 .724 1.112 1.723	.895 .433 131 .822 1.268 2.150		.902 .424 235 .836 1.306 2.066
40						.702 .361 119 .648 1.063 1.554		.772 .319 29 .735 1.122 1.400		.716 .355 148 .595 1.087 1.433
35			.638 .387 25 .569 1.039 1.554			.402 .267 16 .308 .733 .877				.546 .363 41 .466 .871 1.525
30		.208 .080 19 .195 .258 .393	.342 .273 18 .204 .537 1.001			.219 .191 30 .163 .265 .866				.249 .204 67 .185 .379 .925
25		.158 .049 3 .131 .196 .223								.158 .049 3 .131 .196 .223
20		.137 .100 9 .094 .215 .351			.070 1		.117 .048 14 .109 .150 .227			.122 .073 24 .091 .153 .316
15										
10		.169 .069 3 .208 .220 .225				.071 .033 14 .071 .100 .128				.089 .056 17 .074 .126 .220
5										
0										
5				.050 1						.050 1
10										
15							.045 1			.045 1
20										
25										
30										
35										
40			.296 .143 48 .261 .450 .627				.641 1			.303 .150 49 .276 .480 .641
45S										

T20

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.973 .436 11 1.931 2.298 2.856					1.973 .436 11 1.931 2.298 2.856
60						1.663 .759 33 1.536 2.372 3.468				1.663 .759 33 1.536 2.372 3.468
55						1.190 .488 30 1.156 1.640 2.262	1.340 .427 60 1.316 1.708 2.248	1.251 .370 36 1.214 1.666 2.013		1.279 .432 126 1.200 1.682 2.222
50								1.295 .539 158 1.212 1.759 2.853		1.295 .539 158 1.212 1.759 2.853
45			.172 .587 21 .094 1.839 2.205		1.049 .448 13 .968 1.280 2.111	1.222 .536 13 1.273 1.632 2.222	.978 .384 57 .875 1.271 2.187	1.030 .437 131 1.000 1.383 2.261		1.041 .452 235 .992 1.399 2.281
40						.782 .396 119 .680 1.252 1.715		.911 .316 29 .851 1.236 1.424		.807 .385 148 .644 1.251 1.714
35			.690 .388 25 .591 1.010 1.637			.527 .324 16 .494 .895 1.123				.626 .373 41 .590 1.025 1.471
30		.233 .093 19 .219 .274 .459	.397 .294 18 .324 .600 1.105			.263 .161 30 .195 .328 .686				.291 .204 67 .219 .472 .876
25		.172 .056 3 .149 .217 .245								.172 .056 3 .149 .217 .245
20		.162 .112 9 .129 .253 .399			.079 1		.149 .076 14 .122 .203 .334			.151 .091 24 .116 .209 .399
15										
10		.195 .082 3 .249 .254 .257				.081 .026 14 .082 .111 .126				.101 .061 17 .084 .122 .254
5										
0										
5				.098 1						.098 1
10										
15							.049 1			.049 1
20										
25										
30										
35										
40			.393 .185 48 .366 .513 .884				.632 1			.398 .186 49 .370 .529 .883
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.168 .684 11 1.867 2.978 3.155					2.168 .684 11 1.867 2.978 3.155
60						1.963 .690 33 1.895 2.682 3.322				1.963 .690 33 1.895 2.682 3.322
55						1.324 .455 30 1.222 1.806 2.086	1.632 .464 60 1.581 2.036 2.715	1.476 .402 36 1.416 1.868 2.449		1.514 .462 126 1.447 1.948 2.536
50								1.520 .560 160 1.454 1.951 3.005		1.520 .560 160 1.454 1.951 3.005
45			1.303 .582 21 1.293 1.866 2.432		1.356 .459 13 1.416 1.679 2.319	1.561 .635 13 1.442 2.013 2.762	1.173 .431 57 1.085 1.584 2.310	1.235 .460 130 1.155 1.625 2.539		1.251 .485 234 .992 1.662 2.534
40						1.010 .384 119 .909 1.420 2.015		1.131 .306 29 1.108 1.483 1.616		1.034 .373 148 .919 1.442 1.967
35			.864 .530 25 .768 1.215 2.235			.707 .434 16 .570 1.214 1.517				.803 .501 41 .724 1.214 2.202
30		.353 .197 19 .338 .435 .855	.502 .376 18 .402 .741 1.399			.348 .196 30 .280 .515 .913				.391 .266 67 .301 .590 1.218
25		.235 .049 3 .209 .273 .299								.235 .049 3 .209 .273 .299
20		.272 .158 9 .206 .468 .517			.146 1		.198 .077 14 .172 .268 .345			.224 .120 24 .166 .340 .516
15										
10		.223 .096 3 .285 .293 .297				.092 .027 14 .092 .118 .141				.116 .069 17 .094 .135 .293
5										
0										
5				.110 1						.110 1
10										
15							.123 1			.123 1
20										
25										
30										
35										
40			.545 .211 48 .520 .701 1.102				1.033 1			.555 .220 49 .523 .723 1.100
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.390 .562 11 2.374 3.054 3.149					2.390 .562 11 2.374 3.054 3.149
60						2.187 .583 33 2.047 2.893 3.377				2.187 .583 33 2.047 2.893 3.377
55						1.715 .491 29 1.598 2.219 2.702	1.878 .599 60 1.843 2.520 3.114	1.796 .449 36 1.787 2.258 2.782		1.816 .539 125 1.795 2.397 3.102
50								1.712 .536 160 1.680 2.210 3.544		1.712 .536 160 1.667 2.131 3.038
45			1.509 .605 21 1.347 2.057 2.825		1.669 .547 13 1.411 2.221 2.647	1.455 .343 13 1.536 1.700 1.958	1.409 .541 57 1.281 1.965 2.735	1.507 .472 130 1.440 1.885 2.798		1.489 .505 234 1.259 1.934 2.767
40						1.219 .353 119 1.213 1.570 1.913		1.380 .401 29 1.304 1.740 2.216		1.251 .368 148 1.162 1.620 1.958
35			.990 .559 25 .814 1.350 2.503			.891 .382 16 .837 1.287 1.593				.952 .500 41 .814 1.327 2.445
30		.509 .253 19 .366 .657 1.023	.654 .535 18 .455 .916 2.038			.454 .195 30 .365 .619 .916				.523 .345 67 .450 .681 1.620
25		.397 .045 3 .367 .431 .457								.397 .045 3 .367 .431 .457
20		.445 .247 9 .396 .717 .840			.261 1		.278 .089 14 .270 .368 .414			.340 .184 24 .272 .439 .808
15										
10		.264 .093 3 .313 .335 .345				.156 .054 14 .154 .211 .254				.175 .075 17 .167 .240 .335
5										
0										
5				.190 1						.190 1
10										
15							.199 1			.199 1
20										
25										
30										
35										
40			.802 .284 48 .768 1.066 1.390				1.100 1			.808 .285 49 .797 1.082 1.383
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

APRIL
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.495 .391 11 2.474 2.879 3.135					2.495 .391 11 2.474 2.879 3.135
60						2.437 .664 33 2.332 3.237 2.362				2.437 .664 33 2.328 3.191 3.528
55						1.976 .332 29 1.986 2.333 2.609	2.204 .567 60 2.224 2.716 3.392	2.230 .491 36 2.101 2.621 3.236		2.159 .509 125 2.141 2.620 3.380
50								1.969 .463 160 1.958 2.394 3.227		1.969 .463 160 1.944 2.363 3.079
45			1.797 .623 21 1.878 2.389 3.129		2.066 .526 13 2.281 2.636 2.771	1.757 .497 13 1.430 2.318 2.658	1.785 .486 57 1.715 2.229 2.751	1.830 .473 130 1.799 2.207 3.054		1.825 .500 234 1.647 2.299 3.015
40						1.436 .333 119 1.430 1.802 2.018		1.616 .445 28 1.593 2.045 2.518		1.470 .364 147 1.456 1.821 2.220
35			1.206 .550 25 1.067 1.515 2.678			1.045 .292 16 1.020 1.386 1.499				1.143 .473 41 1.048 1.445 2.498
30		.731 .303 19 .785 .954 1.285	.812 .525 18 .692 1.089 2.113			.664 .324 30 .556 .956 1.454				.723 .388 67 .667 1.000 1.925
25		.641 .056 3 .631 .687 .711								.641 .056 3 .631 .687 .711
20		.670 .345 9 .647 .889 1.346			.451 1		.413 .127 14 .379 .547 .675			.511 .263 24 .400 .692 1.196
15										
10		.363 .111 3 .345 .455 .501				.268 .094 14 .270 .375 .422				.285 .104 17 .295 .393 .481
5										
0										
5				.269 1						.269 1
10										
15							.412 1			.412 1
20										
25										
30										
35										
40			1.086 .330 48 1.063 1.355 1.787				.518 1			.095 .333 49 .070 1.360 1.786
45S										

LONGITUDE

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

MAY
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.047 .041 | .019 .068 | 12 .081					.047 .041 | .019 .068 | 12 .081
60						.054 .054 | .014 .070 | 35 .080				.054 .054 | .014 .070 | 35 .080
55						.057 .061 | .020 .072 | 32 .094	.064 .064 | .022 .083 | 70 .116	.061 .061 | .011 .070 | 33 .080		.062 .062 | .020 .074 | 135 .095
50								.060 .057 | .018 .075 | 105 .102		.060 .057 | .018 .075 | 105 .102
45			.074 .075 | .017 .092 | 17 .108		.041 .039 | .019 .060 | 21 .078	.074 .072 | .012 .084 | 5 .094	.056 .058 | .014 .069 | 58 .083	.052 .052 | .012 .064 | 129 .078		.054 .050 | .016 .069 | 230 .090
40						.057 .055 | .019 .074 | 133 .098		.056 .052 | .017 .073 | 34 .091		.056 .055 | .019 .074 | 167 .098
35			.078 .075 | .026 .099 | 23 .138			.036 .035 | .012 .042 | 19 .063		.103 .091 | .037 .142 | 17 .184		.072 .070 | .038 .100 | 59 .173
30		.042 .045 | .013 .054 | 6 .056	.067 .064 | .019 .088 | 19 .106			.050 .051 | .013 .063 | 33 .079				.055 .047 | .018 .071 | 58 .092
25										
20		.044 .045 | .009 .052 | 6 .057					.052 .046 | .014 .068 | 12 .077			.049 .043 | .013 .063 | 18 .077
15										
10						.031 .024 | .013 .045 | 15 .055				.031 .024 | .013 .045 | 15 .055
5		.008 | 1								.008 | 1
0		.031 .028 | .009 .038 | 3 .042								.031 .028 | .009 .038 | 3 .042
5				.012 .010 | .004 .015 | 3 .018						.012 .010 | .004 .015 | 3 .018
10										
15							961 | 1			961 | 1
20										
25										
30										
35										
40			.032 .032 | .007 .040 | 54 .045				016 | 1			.032 .031 | .008 .040 | 55 .045
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 210

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.045 .041 / .020 .063 / 12 .087					.045 .041 / .020 .063 / 12 .087
60						.058 .056 / .016 .077 / 35 .090				.058 .056 / .016 .077 / 35 .090
55						.062 .060 / .026 .074 / 32 .124	.068 .068 / .023 .082 / 70 .131	.065 .064 / .014 .075 / 33 .101		.066 .065 / .022 .082 / 135 .124
50								.063 .059 / .019 .081 / 105 .112		.063 .059 / .019 .081 / 105 .112
45			.079 .069 / .021 .105 / 17 .118		.047 .041 / .020 .068 / 21 .084	.079 .070 / .017 .088 / 5 .110	.056 .058 / .014 .070 / 58 .078	.054 .052 / .013 .067 / 129 .082		.056 .050 / .017 .070 / 230 .099
40						.059 .057 / .019 .077 / 133 .101		.059 .059 / .018 .075 / 34 .103		.059 .057 / .019 .077 / 167 .102
35			.077 .078 / .026 .094 / 23 .139			.037 .037 / .012 .048 / 19 .059		.105 .083 / .038 .138 / 17 .190		.072 .071 / .038 .100 / 59 .178
30		.045 .050 / .015 .058 / 6 .059	.068 .065 / .020 .079 / 19 .116			.052 .057 / .014 .066 / 33 .071				.057 .056 / .018 .067 / 58 .103
25										
20		.045 .046 / .011 .057 / 6 .060					.054 .051 / .017 .074 / 12 .083			.051 .044 / .016 .067 / 18 .082
15										
10						.031 .028 / .011 .039 / 15 .057				.031 .028 / .011 .039 / 15 .057
5		.008 / 1								.008 / 1
0		.034 .031 / .010 .042 / 3 .046								.034 .031 / .010 .042 / 3 .046
5				.014 .015 / .004 .017 / 3 .018						.014 .015 / .004 .017 / 3 .018
10										
15							.802 / 1			.802 / 1
20										
25										
30										
35										
40			.033 .031 / .008 .042 / 54 .049				.019 / 1			.033 .031 / .008 .042 / 55 .049
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 230

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.047 .048 16 .064 12 .069					.047 .047 16 .064 12 .069
60						.065 .061 28 .084 35 .144				.065 .061 28 .084 35 .144
55						.065 .063 28 .076 32 .131	.076 .071 31 .090 70 .169	.069 .067 18 .080 33 .110		.072 .068 28 .086 135 .146
50								.066 .061 22 .086 105 .117		.066 .061 22 .086 105 .117
45			.081 .069 26 .108 17 .137		.054 .042 29 .084 21 .116	.078 .066 27 .095 5 .125	.059 .060 16 .072 58 .089	.055 .053 15 .069 129 .091		.056 .051 20 .073 230 .109
40						.061 .059 20 .079 133 .108		.060 .059 20 .074 34 .110		.060 .059 20 .079 167 .109
35			.077 .077 31 .089 23 .156			.040 .039 13 .052 19 .066		.109 .097 41 .154 17 .190		.074 .070 40 .103 59 .173
30	.048 .051 18 .061 6 .070		.069 .064 22 .082 19 .121			.057 .058 21 .071 33 .105				.060 .054 22 .074 58 .126
25										
20	.048 .047 15 .066 6 .068						.058 .052 22 .077 12 .105			.054 .046 21 .069 18 .103
15										
10						.031 .034 11 .038 15 .050				.031 .034 11 .038 15 .050
5	.010 1									.010 1
0	.036 .034 10 .044 3 .048									.036 .034 10 .044 3 .048
5				.013 .013 004 .016 3 .018						.013 .013 004 .016 3 .018
10										
15							.641 1			.641 1
20										
25										
30										
35										
40			.034 .034 10 .042 54 .053				.021 1			.034 .034 10 .042 55 .053
45S										

LONGITUDE

177

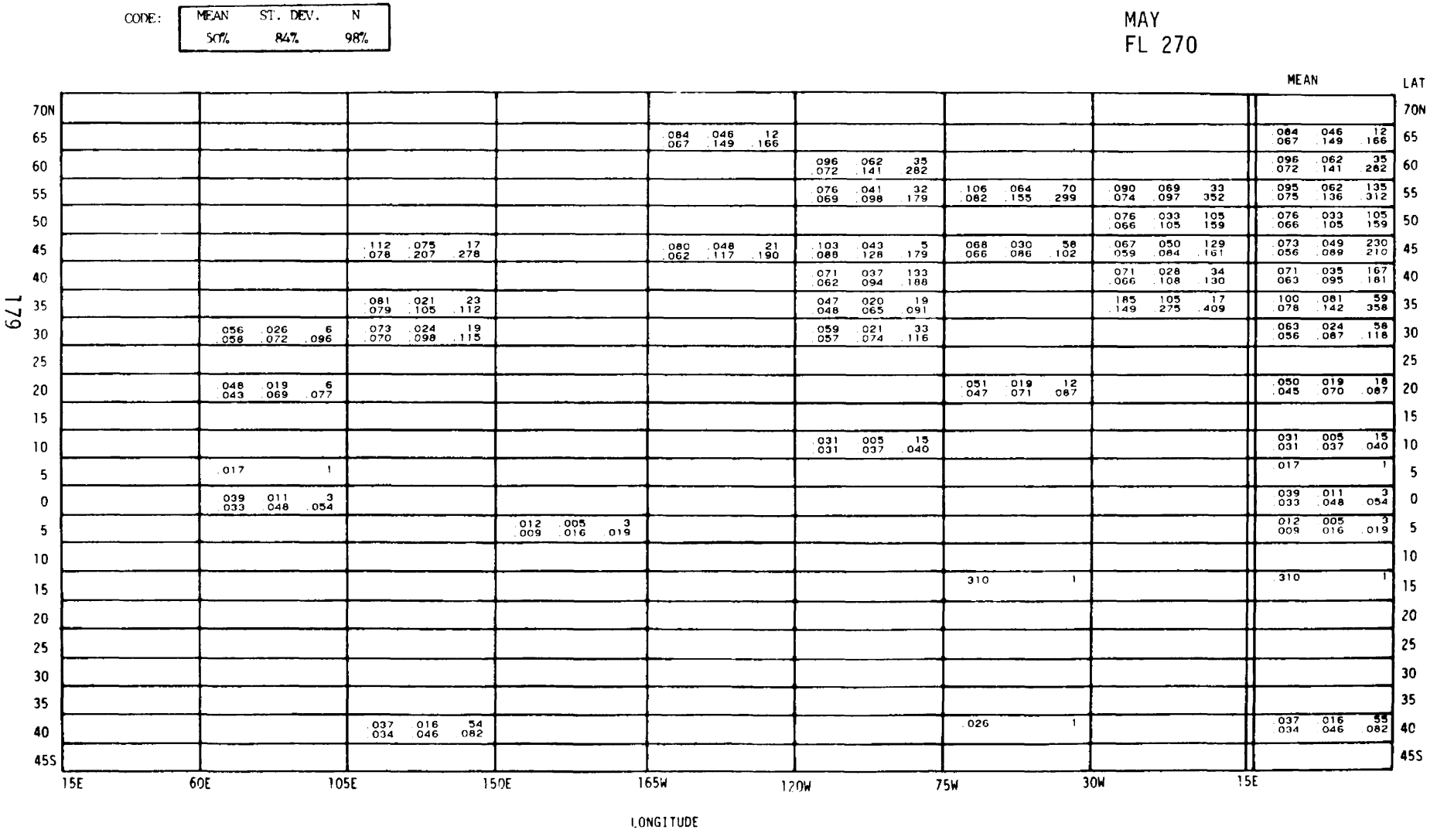
CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.056 .060 .019 .067 12 .088					.056 .060 .019 .067 12 .088	65
60						.073 .064 .037 .095 35 .171				.073 .064 .037 .095 35 .171	60
55						.066 .064 .031 .083 32 .155	.090 .078 .046 .109 70 .219	.076 .070 .037 .086 33 .182		.081 .071 .042 .097 135 .218	55
50								.070 .064 .026 .096 105 .132		.070 .064 .026 .096 105 .132	50
45			.093 .072 .044 .155 17 .180		.061 .057 .024 .092 21 .103	.089 .078 .031 .105 5 .144	.063 .063 .017 .080 58 .090	.060 .056 .025 .077 129 .111		.064 .053 .027 .080 230 .149	45
40						.064 .060 .026 .082 133 .140		.064 .062 .023 .087 34 .116		.064 .061 .026 .083 167 .139	40
35			.079 .078 .027 .099 23 .137			.045 .038 .020 .062 19 .085		.127 .106 .055 .209 17 .231		.082 .074 .048 .109 59 .224	35
30		.052 .054 .022 .067 6 .083	.071 .073 .020 .095 19 .102			.057 .059 .016 .075 33 .082				.061 .057 .019 .078 58 .101	30
25											25
20		.048 .046 .015 .064 6 .069					.056 .047 .023 .081 12 .104			.053 .043 .021 .072 18 .103	20
15											15
10						.034 .029 .010 .045 15 .050				.034 .029 .010 .045 15 .050	10
5		.014 1								.014 1	5
0		.038 .034 .010 .046 3 .051								.038 .034 .010 .046 3 .051	0
5				.013 .011 .004 .016 3 .019						.013 .011 .004 .016 3 .019	5
10											10
15							477 1			477 1	15
20											20
25											25
30											30
35											35
40			.035 .035 .011 .044 54 .061				023 1			.035 .034 .011 .043 55 .061	40
45S											45S

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
MAY
FL 270
MEAN
LAT
70N
65
60
55
50
45
40
35
30
25
20
15
10
5
0
5
10
15
20
25
30
35
40
45S
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE
179

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 290

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.141 .091 / .103 .237 / 12 .339					.141 .091 / .103 .237 / 12 .339
60						.129 .085 / .097 .224 / 35 .360				.129 .085 / .097 .224 / 35 .360
55						.089 .073 / .064 .115 / 32 .279	.137 .092 / .096 .238 / 70 .392	.101 .078 / .089 .124 / 33 .430		.117 .079 / .090 .204 / 135 .414
50								.083 .071 / .043 .126 / 105 .226		.083 .071 / .043 .126 / 105 .226
45			.130 .082 / .105 .225 / 17 .375		.109 .069 / .082 .222 / 21 .270	.115 .080 / .056 .159 / 5 .214	.075 .069 / .048 .091 / 58 .202	.075 .061 / .077 .094 / 129 .197		.083 .057 / .075 .104 / 230 .290
40						.080 .065 / .062 .099 / 133 .290		.078 .066 / .038 .120 / 34 .159		.080 .065 / .058 .102 / 167 .253
35			.086 .079 / .028 .117 / 23 .148			.049 .049 / .020 .066 / 19 .090		.262 .183 / .177 .429 / 17 .659		.125 .079 / .132 .160 / 59 .516
30		.060 .061 / .033 .079 / 6 .116	.075 .074 / .029 .101 / 19 .129			.063 .056 / .026 .082 / 33 .126				.067 .056 / .029 .096 / 58 .129
25										
20		.055 .057 / .017 .067 / 6 .079					.055 .052 / .017 .070 / 12 .088			.055 .049 / .017 .069 / 18 .087
15										
10						.030 .028 / .011 .040 / 15 .051				.030 .028 / .011 .040 / 15 .051
5		.019 / 1								.019 / 1
0		.041 .033 / .012 .050 / 3 .057								.041 .033 / .012 .050 / 3 .057
5				.012 .009 / .005 .016 / 3 .019						.012 .009 / .005 .016 / 3 .019
10										
15							.141 / 1			.141 / 1
20										
25										
30										
35										
40			.041 .036 / .022 .049 / 54 .132				.028 / 1			.040 .036 / .022 .048 / 55 .131
45S										

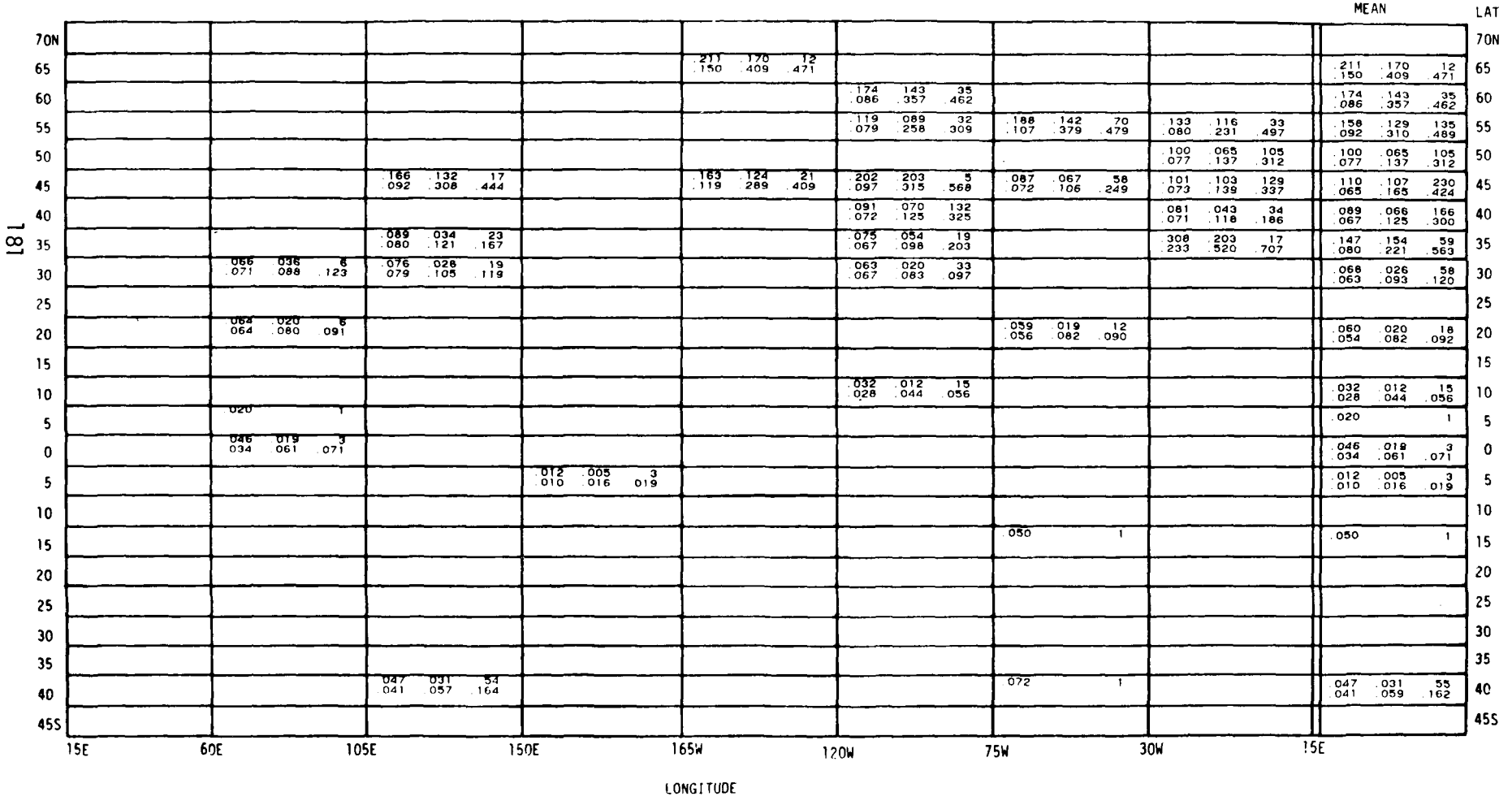
180

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 310



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.309 .218 .256 .606 12 .665					.309 .218 .256 .606 12 .665
60						.261 .243 .176 .481 35 .580				.261 .243 .176 .481 35 .580
55						.169 .113 .129 .321 32 .447	.254 .174 .189 .516 70 .609	.183 .111 .150 .335 33 .567		.216 .136 .172 .440 135 .588
50								.133 .102 .094 .207 105 .396		.133 .102 .094 .207 105 .396
45			.228 .137 .186 .469 17 .556		.258 .244 .179 .476 21 .550	.213 .103 .232 .355 5 .628	.115 .080 .114 .131 58 .460	.139 .088 .131 .253 129 .464		.152 .074 .147 .291 230 .556
40						.107 .075 .089 .163 133 .391		.107 .075 .077 .203 34 289		.107 .075 .087 .167 167 .360
35			.096 .089 .036 .136 23 .169			.081 .070 .057 .123 19 .226		.347 .281 .177 .568 17 .641		.163 .098 .156 .264 59 .625
30		.073 .076 .038 .117 8 .119	.080 .078 .036 .111 19 .149			.067 .070 .025 .087 33 .113				.072 .067 .031 .104 58 .126
25										
20		.071 .065 .031 .089 6 .127					.065 .055 .022 .084 12 .111			.067 .053 .026 .085 18 .127
15										
10						.039 .034 .016 .047 14 .077				.039 .034 .016 .047 14 .077
5		.021 1								.021 1
0		.071 .071 .028 .095 3 .105								.071 .071 .028 .095 3 .105
5				.012 .011 .005 .016 3 .019						.012 .011 .005 .016 3 .019
10										
15							.051 1			.051 1
20										
25										
30										
35										
40			.057 .045 .043 .069 54 .228				.163 1			.058 .045 .045 .071 55 .228
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.344 .223 .296 .680 12 .796					.344 .223 .296 .680 12 .796
60						.385 .453 .211 .577 35 .749				.385 .453 .211 .577 35 .749
55						.255 .258 .180 .454 32 .560	.335 .289 .217 .597 70 .758	.250 .176 .184 .464 33 .691		.295 .256 .205 .536 135 .733
50								.196 .154 .128 .329 105 .493		.196 .154 .128 .329 105 .493
45			.305 .192 .227 .598 17 .663		.365 .406 .242 .619 21 .747	.234 .092 .312 .381 5 .798	.167 .102 .169 .282 58 .650	.194 .141 .151 .341 129 .538		.212 .110 .186 .409 230 .680
40						.137 .094 .117 .227 133 .541		.147 .092 .117 .301 34 .419		.139 .093 .118 .235 167 .514
35			.121 .101 .073 .172 23 .309			.103 .080 .068 .173 19 .238		.451 .391 .167 .656 17 .752		.210 .131 .187 .390 59 .722
30		.087 .095 .047 .133 6 .149	.087 .077 .048 .120 19 .203			.072 .073 .031 .093 33 .141				.078 .070 .040 .108 58 .178
25										
20		.080 .065 .044 .105 6 .163					.065 .059 .025 .086 12 .116			.070 .059 .033 .091 18 .154
15										
10						.046 .037 .024 .061 15 .100				.046 .037 .024 .061 15 .100
5		.022 1								.022 1
0		.062 .042 .031 .086 3 .103								.062 .042 .031 .086 3 .103
5				.012 .012 .006 .017 3 .019						.012 .012 .006 .017 3 .019
10										
15							.043 1			.043 1
20										
25										
30										
35										
40			.073 .056 .054 .116 54 .240				.256 1			.077 .059 .059 .124 55 .255
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.541 .301 12 .531 .867 .922					.541 .301 12 .531 .867 .922
60						.515 .241 35 .596 .732 .887				.515 .241 35 .596 .732 .887
55						.342 .209 32 .390 .550 .704	.435 .216 70 .447 .624 .904	.341 .180 33 .350 .551 662		.390 .211 135 .418 .591 880
50								.292 .149 106 .272 .466 .587		.292 .149 106 .272 .466 .587
45			.372 .221 17 .350 .611 .732		.466 .274 21 .502 .736 .921	.324 .301 5 .202 .487 .861	.234 .207 58 .145 .416 .748	.271 .164 129 .234 .449 .583		.288 .207 230 .191 .494 .791
40						.179 .150 133 .115 .357 .583		.203 .170 34 .121 .385 .658		.184 .155 167 .115 .363 .586
35			.149 .105 23 .115 .249 .429			.123 .074 19 .113 .208 .269		.552 .134 17 .490 .702 .814		.256 .216 59 .155 .489 .754
30		.108 .093 6 .090 .146 .263	.083 .036 18 .083 .120 .147			.085 .037 33 .087 .114 .164				.087 .046 57 .086 .117 .165
25										
20		.089 .058 6 .067 .121 .200					.069 .032 12 .063 .086 .142			.075 .043 18 .060 .098 .192
15										
10						.046 .020 15 .046 .053 .092				.046 .020 15 .046 .053 .092
5		.024 1								.024 1
0		.068 .023 3 .065 .087 .096								.068 .023 3 .065 .087 .096
5				.013 .006 3 .014 .017 .019						.013 .006 3 .014 .017 .019
10										
15							.030 1			.030 1
20										
25										
30										
35										
40			.101 .065 54 .085 .156 .288				.227 1			.103 .066 55 .085 .160 .287
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.602 .620 .875 12 .992					.602 .620 .875 12 .992
60						.606 .650 .801 35 .984				.606 .650 .801 35 .984
55						.456 .454 .640 32 .813	.534 .561 .744 70 .975	.441 .486 .605 33 .769		.493 .512 .704 135 .896
50								.400 .410 .566 110 .745		.400 .410 .566 110 .746
45			.461 .521 .696 227 .788 16		.585 .629 .822 255 .915 21	.354 .204 .581 327 .935 5	.312 .256 .566 255 .908 58	.358 .341 .550 185 .776 128		.374 .294 .609 231 .887 228
40						.238 .170 .454 185 .634 133		.272 .202 .455 209 .816 34		.245 .173 .454 190 .687 167
35			.192 .132 .340 135 .512 23			.159 .116 .281 098 .342 19		.673 .623 .801 130 .943 17		.320 .209 .606 256 .910 59
30		.124 .080 .167 136 .389 6	.102 .110 .144 049 .192 18			.114 .093 .174 068 .285 33				.111 .093 .158 074 .321 57
25										
20		.100 .070 .138 072 .237 6					.075 .062 .100 042 .174 12			.083 .060 .113 055 .230 18
15										
10						.062 .043 .077 064 .234 15				.062 .043 .077 064 .234 15
5		.025 1								.025 1
0		.074 .087 .088 020 .089 3								.074 .087 .088 020 .089 3
5				.014 .016 .019 006 .021 3						.014 .016 .019 006 .021 3
10										
15							.056 1			.056 1
20										
25										
30										
35										
40			.139 .119 .224 086 .363 54				.201 1			.140 .122 .223 085 .362 55
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.718 .698 .213 .894 12 1.081					.718 .698 .213 .894 12 1.081	65
60						.692 .745 .219 .894 35 .997				.692 .745 .219 .894 35 .997	60
55						.544 .550 .209 .731 32 .950	.641 .606 .242 .887 70 1.169	.542 .575 .162 .700 33 .815		.594 .582 .222 .823 135 1.084	55
50								.502 .511 .172 .653 110 .833		.502 .511 .172 .653 110 .833	50
45			.549 .571 .209 .735 16 .915		.686 .650 .219 .921 21 1.007	.370 .406 .172 .514 5 .609	.407 .390 .280 .632 58 1.182	.454 .459 .186 .637 128 .878		.468 .402 .231 .667 228 .981	45
40						.312 .256 .200 .527 133 .784		.331 .329 .203 .515 34 .777		.316 .269 .200 .526 167 .787	40
35			.240 .226 .154 .427 23 .542			.216 .151 .167 .389 19 .595		.743 .706 .105 .842 17 .988		.377 .263 .275 .689 59 .876	35
30		.118 .081 .116 .163 6 .342	.134 .116 .088 .193 18 .354			.149 .102 .142 .225 33 .505				.141 .107 .125 .216 57 .386	30
25											25
20		.111 .076 .085 .154 6 .274					.079 .060 .055 .092 12 .216			.089 .060 .068 .115 18 .275	20
15											15
10						.079 .046 .122 .072 15 .409				.079 .046 .122 .072 15 .409	10
5		.028 1								.028 1	5
0		.069 .069 .017 .083 3 .088								.069 .069 .017 .083 3 .088	0
5				.022 .027 .007 .027 3 .027						.022 .027 .007 .027 3 .027	5
10											10
15							.083 1			.083 1	15
20											20
25											25
30											30
35											35
40			.174 .139 .104 .260 54 .459				.267 1			.176 .140 .104 .277 55 .457	40
45S											45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.764 .775 .216 .934 12 1.151					.764 .775 .216 .934 12 1.151	65
60						.773 .771 .242 1.013 35 1.115				.773 .771 .242 1.013 35 1.115	60
55						.611 .607 .220 .802 32 1.051	.709 .717 .261 .916 69 1.248	.625 .617 .180 .749 33 .993		.665 .601 .238 .906 134 1.216	55
50								.556 .555 .196 .702 110 1.006		.556 .555 .196 .702 110 1.006	50
45			.597 .609 .136 .743 16 .793		.742 .733 .255 .946 21 1.228	.398 .280 .183 .591 5 .674	.476 .493 .244 .733 58 1.043	.503 .513 .182 .659 128 .962		.522 .450 .219 .734 228 1.012	45
40						.365 .344 .190 .554 133 .824		.374 .391 .188 .553 34 .709		.367 .356 .190 .554 167 .794	40
35			.264 .219 .173 .479 23 .597			.268 .157 .212 .442 19 .775		.765 .744 .107 .836 17 .987		.417 .413 .280 .738 59 .951	35
30		.102 .069 .099 .137 6 .294	.161 .132 .133 .204 18 .530			.179 .148 .130 .283 33 .510				.165 .130 .246 57 .533	30
25											25
20		.124 .082 .096 .171 6 .311					.078 .072 .029 .100 12 .137			.093 .072 .064 .109 18 .268	20
15											15
10						.100 .043 .180 .092 15 .586				.100 .043 .180 .092 15 .586	10
5		.031 1								.031 1	5
0		.102 .106 .040 .135 3 .147								.102 .106 .040 .135 3 .147	0
5				.030 .034 .007 .036 3 .037						.030 .034 .007 .036 3 .037	5
10											10
15							.077 1			.077 1	15
20											20
25											25
30											30
35											35
40			.210 .171 .125 .358 54 .536				.224 1			.210 .175 .124 .357 55 .535	40
45S											45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 450

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W
70N										
65	.775 .235 12 .717 .998 1.190					.775 .235 12 .717 .998 1.190				
60	.826 .291 35 .920 1.115 1.276						.826 .291 35 .920 1.115 1.276			
55	.708 .261 134 .697 .863 1.362						.664 .218 32 .708 .834 1.110	.753 .299 69 .760 .968 1.431	.656 .187 33 .623 .853 1.007	
50	.629 .245 110 .622 .834 1.300								.629 .245 110 .622 .834 1.300	
45	.563 .237 228 .493 .785 1.145			.570 .181 16 .526 .733 .946		.815 .282 21 .852 1.062 1.234	.624 .309 5 .585 .822 1.151	.515 .256 58 .461 .784 1.098	.540 .192 128 .545 .734 .986	
40	.416 .202 167 .402 .593 .876						.422 .203 133 .403 .586 .901		.404 .195 34 .400 .619 .728	
35	.466 .309 59 .413 .834 1.039			.321 .171 23 .243 .522 .638			.293 .249 19 .166 .472 .925		.857 .083 17 .835 .933 1.034	
30	.173 .101 57 .134 .282 .394		.102 .084 6 .084 .134 .258	.161 .097 18 .138 .253 .392			.193 .100 33 .146 .301 .391			
25										
20	.113 .072 18 .077 .151 .304		.137 .108 6 .091 .189 .347					.101 .039 12 .081 .151 .172		
15										
10	.116 .239 15 .054 .086 .750						.116 .239 15 .054 .086 .750			
5	.112 1		.112 1							
0	.126 .069 3 .105 .183 .215		.126 .069 3 .105 .183 .215							
5	.039 .009 3 .040 .046 .049				.039 .009 3 .040 .046 .049					
10										
15	.068 1							.068 1		
20										
25										
30										
35										
40	.252 .154 55 .202 .408 .642			.251 .155 54 .200 .410 .642				.335 1		
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.105 .285 12 1.138 1.369 1.496					.105 .285 12 1.138 1.369 1.496
60						.947 .412 35 .990 1.307 1.796				.947 .412 35 .990 1.307 1.796
55						.668 .263 32 .706 .847 1.307	.786 .351 69 .748 1.114 1.588	.668 .232 33 .662 .913 1.140		.729 .311 134 .658 .991 1.518
50								.662 .320 110 .633 .863 1.656		.662 .320 110 .633 .863 1.656
45			.721 .254 16 .726 .949 1.151		.932 .319 21 1.023 1.226 1.443	.746 .332 5 .532 1.047 1.303	.572 .289 38 .494 .812 1.321	.616 .220 128 .615 .836 1.048		.644 .273 228 .574 .904 1.316
40						.455 .211 133 .427 .640 995		.432 .208 34 .427 .674 .812		.450 .211 167 .427 .647 .955
35			.325 .153 23 .291 .511 .607			.385 .271 19 .313 .516 1.106		.941 .117 17 .952 1.053 1.150		.522 .329 59 .400 .949 1.155
30		.118 .090 6 .101 .166 .278	.159 .073 18 .133 .219 .329			.225 .137 33 .175 .352 .543				.193 .122 57 .162 .294 .501
25										
20		.152 .121 6 .100 .219 .386					.117 .055 12 .094 .181 .228			.129 .085 18 .091 .186 .348
15										
10						.150 .296 15 .067 .134 .952				.150 .296 15 .067 .134 .952
5		.166 1								.166 1
0		.127 .042 3 .102 .159 .183								.127 .042 3 .102 .159 .183
5				.047 .015 3 .045 .060 .066						.047 .015 3 .045 .060 .066
10										
15							.084 1			.084 1
20										
25										
30										
35										
40			.281 .159 54 .253 .429 .640				.198 1			.280 .158 55 .246 .421 .640
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.217 .330 12 1.256 1.496 1.785					1.217 .330 12 1.256 1.496 1.785
60						1.074 .389 35 1.105 1.510 1.705				1.074 .389 35 1.105 1.510 1.705
55						.688 .275 32 .743 .934 1.161	.917 .409 69 .875 1.307 1.918	.726 .237 33 .723 .990 1.206		.815 .360 134 .718 1.138 1.788
50								.771 .417 110 .714 .988 2.185		.771 .417 110 .714 .988 2.185
45			.862 .345 16 .813 1.184 1.522		1.146 .292 21 1.148 1.403 1.592	.907 .488 5 .613 1.462 1.585	.679 .347 58 .616 1.012 1.311	.691 .250 128 .697 .934 1.264		.747 .326 228 .658 1.069 1.530
40						.511 .251 133 .467 .685 1.134		.464 .218 34 .482 .667 .892		.502 .246 167 .471 .682 1.072
35			.348 .146 23 .340 .499 .627			.341 .207 19 .277 .518 .825		1.062 .153 16 1.052 1.198 1.379		.543 .363 58 .390 1.039 1.277
30		.160 .084 5 .151 .220 .301	.175 .081 18 .151 .208 .388			.243 .136 33 .216 .377 .622				.214 .122 56 .151 .310 603
25										
20		.169 .133 6 .113 .248 .425					.150 .075 12 .120 .203 .316			.156 .099 18 .117 .213 .411
15										
10						.173 .352 15 .085 .111 1.121				.173 .352 15 .085 .111 1.121
5		.091 1								.091 1
0		.150 .063 3 .114 .199 .234								.150 .063 3 .114 .199 .234
5				.056 .022 3 .049 .073 .084						.056 .022 3 .049 .073 .084
10										
15							.122 1			.122 1
20										
25										
30										
35										
40			.373 .232 54 .285 .549 .959				.585 1			.376 .231 55 .285 .568 .958
45S										

LONGITUDE

190

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.458 .402 12 1.349 1.888 2.240					1.458 .402 12 1.349 1.888 2.240
60						1.166 .435 35 1.058 1.643 2.056				1.166 .435 35 1.058 1.643 2.056
55						819 310 32 815 1.123 1.328	1.037 .416 69 1.001 1.321 1.898	921 .319 33 929 1.200 1.568		956 .381 134 904 1.257 1.814
50								870 .451 110 791 1.136 2.543		870 .451 110 791 1.136 2.543
45			.896 .326 16 1.003 1.150 1.402		1.333 .358 21 1.372 1.733 1.792	1.040 .454 5 855 1.566 1.617	829 .375 58 774 1.249 1.573	781 .291 128 760 1.043 1.459		858 .364 228 729 1.222 1.707
40						596 .286 133 543 .826 1.370		584 .289 34 509 .906 1.168		594 .286 167 539 .836 1.341
35			.416 .221 23 .339 .696 .893			392 .172 19 404 .600 .688		1.253 .153 16 1.238 1.363 1.581		639 .424 58 494 1.232 1.464
30		.178 .089 5 180 .249 .321	.205 .096 18 .182 .232 .468			292 .144 33 296 .435 .574				.254 .134 56 .171 .423 .552
25										
20		.188 .145 6 135 .278 .464					.168 .075 12 .144 .252 .326			.175 .104 18 .131 .254 .438
15										
10						.179 .413 15 .077 .096 1.268				.179 .413 15 .077 .096 1.268
5		.092 1								.092 1
0		.173 .083 3 .131 .238 .282								.173 .083 3 .131 .238 .282
5				.074 .028 3 .084 .097 .102						.074 .028 3 .084 .097 .102
10										
15							.108 1			.108 1
20										
25										
30										
35										
40			.470 .245 54 .421 .736 .981				.491 1			.470 .243 55 .426 .733 .981
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.658 .485 12 1.715 2.027 2.538					1.658 .485 12 1.715 2.027 2.538
60						1.411 .489 35 1.365 1.958 2.270				1.411 .489 35 1.365 1.958 2.270
55						.960 .300 32 .969 1.244 1.542	1.222 .456 69 1.193 1.655 2.245	1.047 .276 33 1.048 1.250 1.553		1.116 .400 134 .996 1.478 2.143
50								1.010 .465 110 .971 1.268 2.444		1.010 .465 110 .969 1.268 2.444
45			.981 .338 16 .959 1.346 1.493		1.395 .550 21 1.309 1.939 2.372	1.243 .570 5 1.596 1.726 1.827	1.000 .389 58 .967 1.391 1.754	.930 .296 128 .915 1.202 1.558		1.001 .386 228 .880 1.360 1.923
40						.689 .327 133 .622 .948 1.497		.733 .359 34 .715 1.124 1.405		.698 .334 167 .625 .973 1.504
35			.512 .249 23 .434 .774 1.077			.430 .193 19 .455 .583 .845		1.379 .184 16 1.389 1.510 1.782		.724 .459 58 .537 1.339 1.622
30		.197 .096 5 .208 .278 .340	.251 .119 18 .218 .312 .572			.357 .210 33 .300 .499 .853				.309 .187 56 .214 .467 .658
25										
20		.218 .160 6 .172 .332 .505					.229 .126 12 .172 .342 .513			.225 .138 18 .167 .345 .541
15										
10						.214 .467 15 .101 .129 1.447				.214 .467 15 .101 .129 1.447
5		.128 1								.128 1
0		.186 .090 3 .149 .258 .303								.186 .090 3 .149 .258 .303
5				.114 .019 3 .128 .128 .128						.114 .019 3 .128 .128 .128
10										
15							.186 1			.186 1
20										
25										
30										
35										
40			.562 .274 54 .513 .876 1.175				.816 1			.567 .273 55 .518 .870 1.174
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					1.905 .436 12 2.072 2.307 2.419					1.905 .436 12 2.072 2.307 2.419	65
60						1.627 .589 35 1.672 2.208 2.932				1.627 .589 35 1.672 2.208 2.932	60
55						1.228 .386 32 1.199 1.583 2.070	1.474 .507 69 1.432 1.978 2.508	1.184 .308 33 1.181 1.495 1.777		1.344 .458 134 1.216 1.775 2.401	55
50								1.234 .523 110 1.127 1.530 2.804		1.234 .523 110 1.127 1.530 2.804	50
45			1.123 .284 16 1.088 1.471 1.646		1.704 .487 21 1.719 2.256 2.461	1.310 .497 5 1.115 1.694 2.149	1.198 .447 58 1.142 1.777 2.111	1.143 .287 128 1.126 1.411 1.863		1.211 .395 228 1.081 1.546 2.247	45
40						.863 .397 133 .763 1.143 1.872		.887 .347 34 .909 1.220 1.562		.868 .387 167 .799 1.180 1.745	40
35			.636 .234 23 .608 .889 1.057			.487 .243 19 .417 .682 1.056		1.496 .328 16 1.494 1.855 2.017		.824 .497 58 .640 1.448 1.953	35
30		.259 .144 5 .249 .407 .458	.360 .195 18 .327 .464 .852			.464 .218 33 .473 .724 .871				.413 .216 56 .306 .616 1.020	30
25											25
20		.290 .152 6 .276 .389 .547					.289 .146 12 .221 .489 .528			.289 .148 18 .216 .491 .556	20
15											15
10						.270 .516 15 .129 .179 1.635				.270 .516 15 .129 .179 1.635	10
5		.103 1								.103 1	5
0		.204 .099 3 .174 .285 .330								.204 .099 3 .174 .285 .330	0
5				.135 .042 3 .151 .169 .176						.135 .042 3 .151 .169 .176	5
10											10
15							.120 1			.120 1	15
20											20
25											25
30											30
35											35
40			.762 .322 54 .707 1.142 1.460				.875 1			.764 .320 55 .715 1.135 1.459	40
45S											45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.402 .437 12 2.337 2.821 3.169					2.402 .437 12 2.337 2.821 3.169
60						2.007 .616 35 2.018 2.681 3.048				2.007 .616 35 2.018 2.681 3.048
55						1.480 .387 31 1.388 1.819 2.307	1.768 .520 69 1.739 2.260 2.840	1.446 .355 33 1.470 1.800 2.023		1.621 .480 133 1.597 2.054 2.604
50								1.421 .462 110 1.407 1.741 2.854		1.421 .462 110 1.395 1.738 2.701
45			1.279 .330 16 1.289 1.471 1.908		1.876 .529 21 1.876 2.272 2.820	1.510 .486 5 1.505 1.846 2.291	1.350 .419 58 1.289 1.850 2.279	1.354 .302 128 1.357 1.616 2.096		1.399 .398 228 1.284 1.814 2.330
40						1.062 .415 133 .972 1.446 1.955		1.071 .325 34 1.043 1.426 1.577		1.064 .398 167 1.002 1.435 1.929
35			.820 .289 23 .808 1.119 1.330			.548 .141 19 .571 .674 .807		1.861 .381 16 1.800 2.130 2.666		1.018 .603 58 .717 1.742 2.371
30		.336 .223 5 .290 .525 .702	.520 .156 18 .519 .659 .818			.576 .222 33 .612 .786 1.050				.536 .215 56 .432 .732 1.004
25										
20		.354 .182 6 .377 .524 .599					.439 .198 12 .445 .646 .800			.411 .197 18 .348 .619 .777
15										
10						.336 .564 15 .186 .255 1.842				.336 .564 15 .186 .255 1.842
5		.286 1								.286 1
0		.222 .110 3 .199 .313 .359								.222 .110 3 .199 .313 .359
5				.264 .040 3 .247 .297 .317						.264 .040 3 .247 .297 .317
10										
15							2.979 1			2.979 1
20										
25										
30										
35										
40			.927 .340 54 .849 1.318 1.622				1.273 1			.933 .340 55 .858 1.305 1.621
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

MAY
FL 590

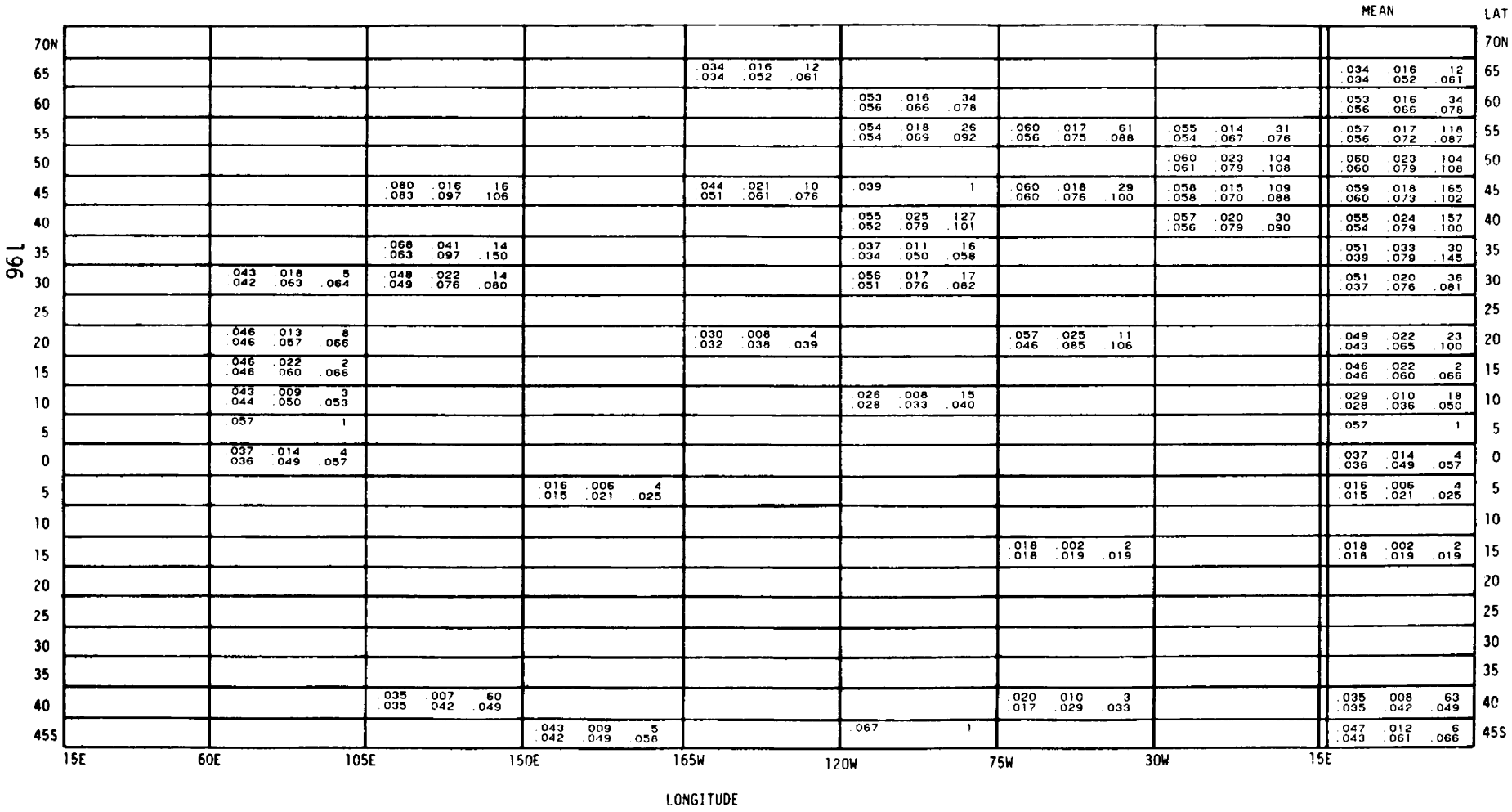
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.611 .350 12 2.817 2.858 3.016					2.611 .350 12 2.817 2.858 3.016
60						2.327 .564 35 2.254 2.912 3.406				2.327 .564 35 2.254 2.912 3.406
55						1.806 .421 31 1.818 2.145 2.685	2.120 .495 69 2.113 2.591 3.313	1.723 .428 33 1.720 2.061 2.709		1.948 .496 133 1.935 2.455 2.936
50								1.617 .468 110 1.598 1.948 3.031		1.617 .468 110 1.591 1.945 2.756
45			1.475 .315 16 1.418 1.810 2.027		2.145 .486 21 2.171 2.537 3.087	1.826 .533 5 1.746 2.277 2.614	1.627 .443 57 1.636 2.004 2.487	1.558 .354 127 1.494 1.889 2.420		1.630 .431 226 1.482 2.036 2.620
40						1.335 .487 133 1.197 1.785 2.660		1.382 .325 34 1.360 1.738 1.961		1.345 .459 167 1.261 1.773 2.628
35			1.079 .368 23 1.042 1.510 1.737			.862 .302 19 .797 1.186 1.445		2.047 .509 16 2.053 2.538 2.940		1.275 .625 58 1.072 1.834 2.762
30		.452 .315 5 .331 .669 1.006	.775 .235 18 .747 1.016 1.154			.877 .378 33 .845 1.210 1.756				.806 .354 56 .624 1.103 1.716
25										
20		.470 .180 6 .514 .655 .672					.692 .262 12 .655 .810 1.263			.618 .260 18 .552 .785 1.205
15										
10						.466 .597 15 .312 .446 2.053				.466 .597 15 .312 .446 2.053
5		.164 1								.164 1
0		.270 .082 3 .225 .334 .379								.270 .082 3 .225 .334 .379
5				.463 .075 3 .416 .520 .563						.463 .075 3 .416 .520 .563
10										
15							.299 1			.299 1
20										
25										
30										
35										
40			1.142 .320 54 1.094 1.501 1.805				.265 1			1.126 .338 55 1.093 1.494 1.805
45S										

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 190



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 210

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.036 .016 12 .035 .052 .062					.036 .016 12 .035 .052 .062
60						.055 .018 34 .058 .069 .087				.055 .018 34 .058 .069 .087
55						.057 .019 26 .054 .071 .102	.061 .018 61 .061 .077 .099	.056 .014 31 .059 .067 .077		.059 .017 118 .058 .071 .101
50								.065 .023 104 .065 .086 .116		.065 .023 104 .064 .086 .116
45			.089 .024 16 .091 .114 .130		.046 .024 10 .051 .063 .086	.041 1	.061 .017 29 .064 .074 .090	.060 .016 109 .060 .076 .098		.062 .020 165 .062 .077 .112
40						.055 .023 127 .054 .079 .101		.059 .021 30 .062 .079 .095		.056 .023 157 .057 .079 .101
35			.077 .047 14 .071 .116 .171			.043 .018 16 .037 .063 .081				.059 .039 30 .040 .087 .163
30		.044 .016 5 .036 .063 .066	.053 .025 14 .050 .078 .098			.058 .021 17 .057 .068 .108				.054 .023 36 .039 .070 .105
25										
20		.050 .014 8 .051 .062 .072			.035 .012 4 .036 .046 .049		.059 .028 11 .048 .099 .103			.052 .023 23 .048 .069 .102
15		.047 .023 2 .047 .063 .069								.047 .023 2 .047 .063 .069
10		.044 .008 3 .047 .050 .051				.024 .008 15 .027 .031 .035				.028 .011 18 .028 .035 .050
5		.062 1								.062 1
0		.040 .016 4 .038 .053 .063								.040 .016 4 .036 .053 .063
5				.015 .004 4 .016 .019 .021						.015 .004 4 .016 .019 .021
10										
15							.021 .004 2 .021 .024 .025			.021 .004 2 .021 .024 .025
20										
25										
30										
35										
40			.036 .007 60 .034 .043 .051				.015 .003 3 .017 .017 .017			.035 .009 63 .033 .042 .051
45S				.045 .010 5 .045 .052 .061		.072 1				.050 .013 6 .046 .064 .071

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 230

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.038 .036 12 .055					.038 .036 12 .055
60						.057 .060 19 .074 34 .092				.057 .060 19 .074 34 .092
55						.061 .054 22 .089 26 .106	.066 .066 23 .087 61 .112	.057 .060 16 .066 31 .088		.063 .057 22 .082 118 .111
50								.068 .067 24 .092 104 .120		.068 .067 24 .092 104 .120
45			.090 .098 24 .112 16 .129		.049 .057 25 .064 10 .089	.045 1	.062 .061 19 .077 29 .100	.063 .063 20 .080 109 .111		.064 .063 22 .085 165 .114
40						.058 .057 25 .087 127 .111		.064 .064 22 .084 30 .111		.059 .059 25 .086 157 .113
35			.078 .069 49 .132 14 .176			.038 .042 14 .051 16 .062				.057 .044 41 .083 30 .163
30		.046 .044 16 .063 5 .068	.053 .048 25 .073 14 .109			.061 .053 26 .079 17 .124				.056 .039 25 .076 36 .124
25										
20		.053 .055 15 .067 8 .077			.030 .026 10 .037 4 .046		.065 .050 31 .104 11 .120			.055 .049 27 .075 23 .116
15		.042 .042 17 .054 2 .058								.042 .042 17 .054 2 .058
10		.045 .050 08 .051 3 .051				.024 .025 09 .032 15 .037				.028 .027 12 .036 18 .051
5		.066 1								.066 1
0		.042 .039 18 .058 4 .069								.042 .039 18 .058 4 .069
5				.015 .016 03 .017 4 .017						.015 .016 03 .017 4 .017
10										
15							.025 .025 07 .029 2 .031			.025 .025 07 .029 2 .031
20										
25										
30										
35										
40			.036 .036 07 .044 60 .051				.015 .016 02 .017 3 .017			.035 .035 08 .043 63 .051
45S				.047 .047 10 .056 5 .064		.077 1				.052 .049 15 .067 6 .076

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.046 .024 12 .043 .065 .096					.048 .024 12 .043 .065 .096
60						.062 .024 34 .062 .082 .109				.062 .024 34 .062 .082 .109
55						.069 .032 26 .057 .101 .151	.076 .036 61 .067 .098 .167	.059 .022 31 .059 .068 .114		.070 .033 118 .063 .093 .160
50								.072 .026 104 .069 .096 .126		.072 .026 104 .068 .096 .126
45			.093 .029 16 .096 .126 .138		.049 .031 10 .047 .063 .115	.048 1	.067 .026 29 .064 .093 .121	.068 .024 109 .066 .085 .130		.069 .027 165 .066 .091 .136
40						.061 .031 127 .059 .084 .145		.064 .020 30 .065 .083 .103		.062 .029 157 .060 .084 .139
35			.076 .045 14 .069 .108 .166			.044 .019 16 .049 .062 .076				.059 .037 30 .044 .087 .161
30		.049 .017 5 .048 .067 .071	.055 .029 14 .054 .075 .122			.058 .019 17 .056 .077 .094				.056 .023 36 .041 .075 .107
25										
20		.054 .016 8 .053 .072 .076			.035 .013 4 .033 .047 .053		.066 .037 11 .051 .113 .133			.056 .030 23 .051 .075 .131
15		.036 .011 2 .036 .043 .047								.036 .011 2 .036 .043 .047
10		.047 .009 3 .051 .054 .055				.027 .012 15 .029 .036 .047				.030 .013 18 .031 .040 .054
5		.071 1								.071 1
0		.045 .020 4 .041 .062 .074								.045 .020 4 .041 .062 .074
5				.016 .003 4 .018 .018 .018						.016 .003 4 .014 .018 .018
10										
15							.025 .005 2 .025 .028 .030			.025 .005 2 .025 .028 .030
20										
25										
30										
35										
40			.039 .009 60 .037 .046 .058				.020 .007 3 .017 .026 .029			.038 .009 63 .037 .046 .058
45S				.050 .011 5 .050 .060 .067		.082 1				.055 .016 6 .053 .071 .081

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 270

200

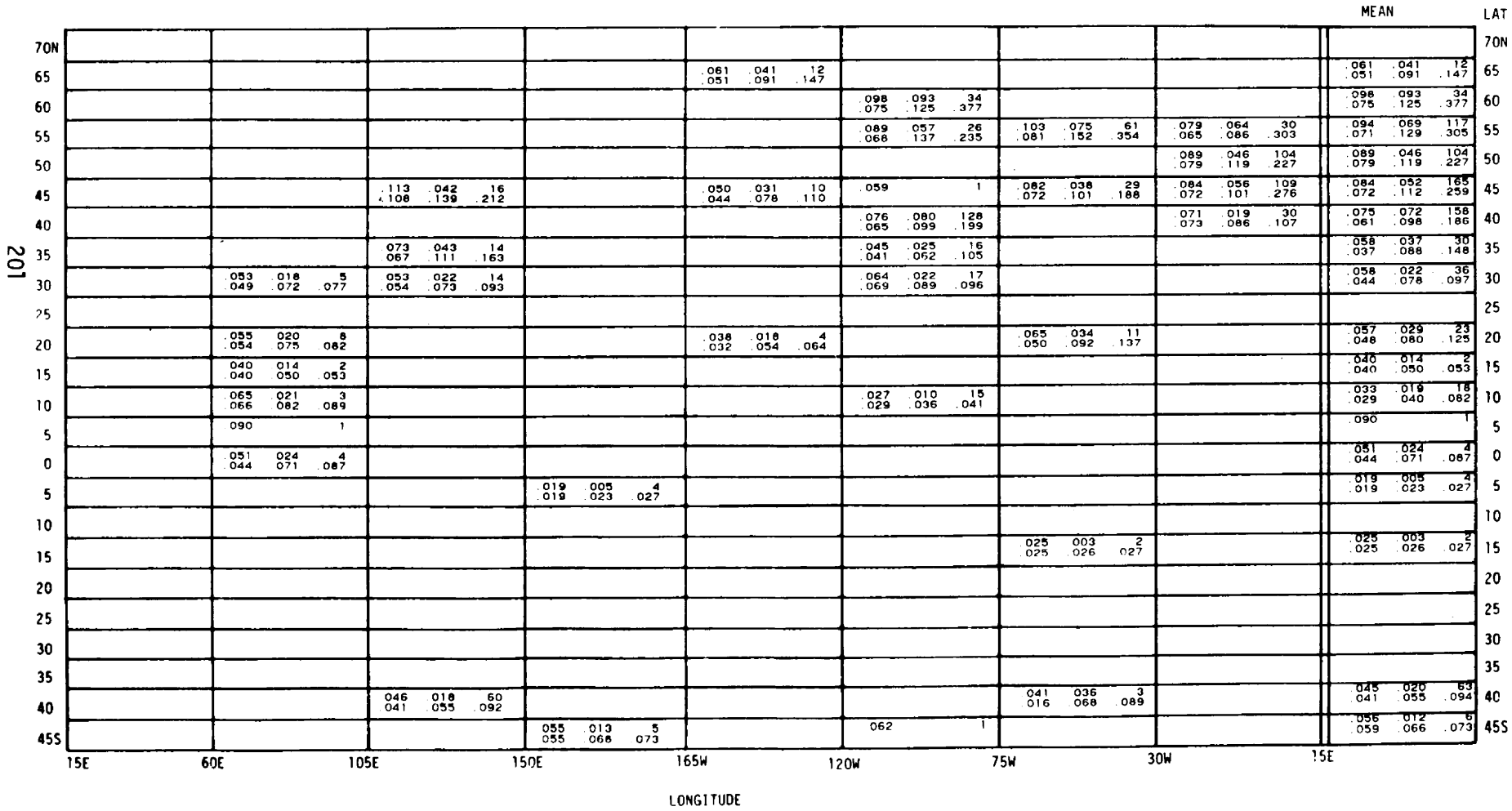
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.054 .040 .037 .101 12 .130					.054 .040 .037 .101 12 .130
60						.072 .070 .032 .103 34 .142				.072 .070 .032 .103 34 .142
55						.076 .062 .047 .099 26 .214	.087 .069 .054 .118 61 .207	.068 .064 .039 .085 31 .179		.080 .064 .050 .100 118 .224
50								.076 .071 .031 .105 104 .148		.076 .071 .031 .105 104 .148
45			.097 .098 .025 .120 16 .138		.049 .042 .032 .081 10 .110	.060 1	.075 .070 .029 .102 29 .138	.075 .071 .037 .089 109 .201		.076 .071 .036 .102 165 .183
40						.068 .065 .053 .094 128 .165		.067 .069 .019 .084 30 .109		.068 .060 .048 .090 158 .156
35			.072 .067 .039 .106 14 .148			.044 .046 .018 .063 16 .070				.057 .050 .033 .085 30 .134
30	.051 .048 .018 .071 5 .074		.052 .053 .022 .071 14 .097			.060 .064 .020 .078 17 .095				.056 .043 .021 .076 36 .101
25										
20	.053 .051 .018 .074 8 .077				.038 .035 .016 .053 4 .059		.064 .049 .035 .114 11 .125			.056 .045 .029 .076 23 .125
15	.038 .038 .013 .047 2 .050									.038 .038 .013 .047 2 .050
10	.061 .058 .021 .078 3 .087					.028 .031 .012 .038 15 .045				.033 .032 .018 .042 18 .078
5	.075 1									.075 1
0	.048 .042 .022 .067 4 .081									.048 .042 .022 .067 4 .081
5				.018 .018 .004 .021 4 .023						.018 .018 .004 .021 4 .023
10										
15							.025 .025 .004 .028 2 .029			.025 .025 .004 .028 2 .029
20										
25										
30										
35										
40			.041 .039 .010 .051 60 .069				.025 .017 .014 .036 3 .044			.040 .039 .011 .050 63 .068
45S				.052 .052 .012 .064 5 .070		.073 1				.056 .056 .014 .071 6 .073

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 290



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 310

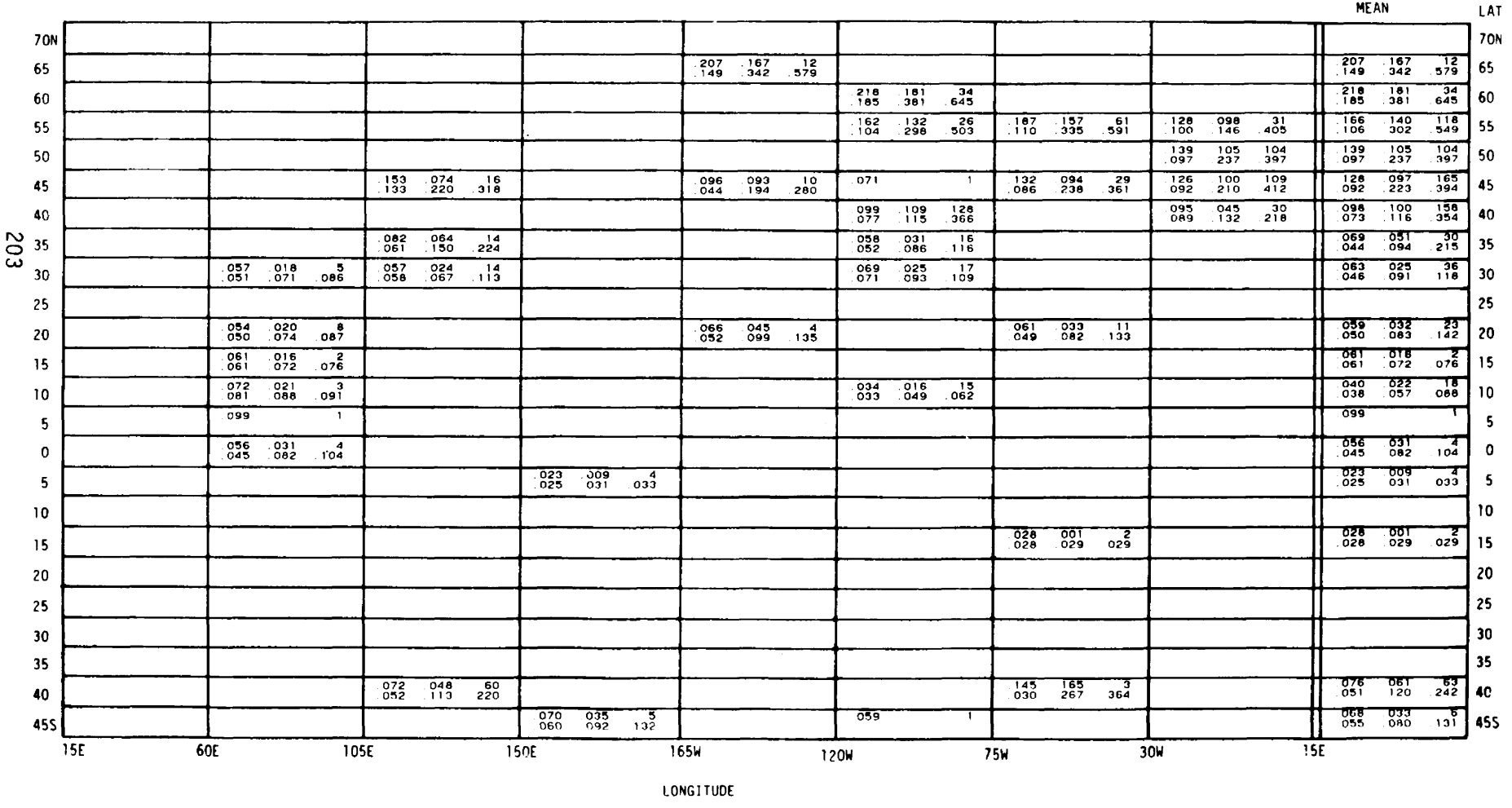
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.125 .078 / .108 .221 / 12 370					.125 .078 / .108 .221 / 12 370
60						.132 .083 / .127 .167 / 34 517				.132 .083 / .127 .167 / 34 517
55						.126 .074 / .104 .205 / 26 390	.135 .090 / .114 .239 / 61 486	.097 .073 / .078 .105 / 31 339		.123 .079 / .105 .196 / 118 458
50								.107 .087 / .070 .144 / 104 324		.107 .086 / .070 .144 / 104 324
45			.120 .114 / .043 .162 / 16 .207		.084 .054 / .076 .145 / 10 246	.063 / 1	.099 .082 / .048 .139 / 29 219	.100 .078 / .073 .127 / 109 319		.101 .082 / .067 .133 / 165 317
40						.086 .073 / .100 .100 / 128 294		.079 .081 / .024 .107 / 30 120		.084 .067 / .090 .105 / 158 256
35			.075 .063 / .052 .129 / 14 .185			.047 .042 / .022 .073 / 16 .083				.050 .042 / .041 .081 / 30 180
30		.055 .050 / .017 .071 / 5 .081	.054 .055 / .021 .072 / 14 .094			.067 .074 / .025 .095 / 17 .099				.060 .047 / .023 .086 / 36 .100
25										
20		.055 .056 / .020 .070 / 8 .085			.052 .048 / .041 .097 / 4 .124		.066 .069 / .034 .085 / 11 .137			.061 .063 / .032 .085 / 23 .140
15		.047 .047 / .019 .059 / 2 .064								.047 .047 / .019 .059 / 2 .064
10		.067 .073 / .020 .083 / 3 .087				.030 .026 / .013 .041 / 15 .055				.036 .034 / .020 .053 / 18 .083
5		.105 / 1								.105 / 1
0		.053 .044 / .027 .075 / 4 .094								.053 .044 / .027 .075 / 4 .094
5				.021 .022 / .006 .027 / 4 .029						.021 .022 / .006 .027 / 4 .029
10										
15							.026 .026 / .002 .027 / 2 .027			.026 .026 / .002 .027 / 2 .027
20										
25										
30										
35										
40			.053 .044 / .031 .068 / 60 .166				.064 .016 / .072 .117 / 3 159			.054 .043 / .034 .068 / 63 .173
45S				.058 .057 / .015 .074 / 5 .075		.057 / 1				.058 .051 / .013 .073 / 6 .075

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 330



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.381 .353 .171 .476 12 .752					.381 .353 .171 .476 12 .752
60						.318 .325 .190 .468 34 .711				.318 .325 .190 .468 34 .711
55						.225 .154 .173 .456 26 .567	.260 .194 .201 .490 61 .730	.195 .153 .127 .384 31 .479		.235 .149 .181 .450 118 .676
50								.188 .124 .146 .403 104 .536		.188 .124 .146 .403 104 .536
45			.187 .138 .126 .294 16 .479		.167 .061 .217 .240 10 .684	.077 1	.166 .095 .144 .326 29 .534	.173 .129 .121 .302 109 .492		.172 .123 .133 .302 165 .539
40						.122 .086 .130 .160 128 .523		.122 .097 .064 .176 30 .274		.122 .084 .121 .167 158 .502
35			.085 .064 .074 .148 14 .258			.070 .066 .035 .101 16 .146				.077 .053 .057 .107 30 .241
30		.059 .054 .018 .070 5 .090	.062 .059 .031 .075 14 .138			.072 .074 .025 .096 17 .112				.066 .049 .027 .094 36 .129
25										
20		.058 .054 .023 .085 8 .090			.043 .046 .016 .056 4 .063		.066 .057 .033 .090 11 .134			.059 .054 .028 .083 23 .125
15		.070 .070 .008 .075 2 .077								.070 .070 .008 .075 2 .077
10		.073 .086 .020 .087 3 .088				.033 .032 .014 .048 15 .053				.039 .035 .021 .051 18 .087
5		.092 1								.092 1
0		.058 .045 .033 .086 4 .109								.058 .045 .033 .086 4 .109
5				.025 .025 .012 .035 4 .041						.025 .025 .012 .035 4 .041
10										
15							.030 .030 .001 .031 2 .031			.030 .030 .001 .031 2 .031
20										
25										
30										
35										
40			.100 .074 .066 .171 60 .242				.242 .068 .250 .426 3 .574			.107 .070 .090 .173 63 .315
45S				.082 .059 .061 .113 5 .192		.061 1				.079 .060 .056 .091 6 .189

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.593 .620 168 .760 12 .770					.593 .620 168 .760 12 .770
60						.433 .451 166 .556 34 .708				.433 .451 166 .556 34 .708
55						.285 .253 182 .512 26 .588	.340 .293 208 .546 61 .815	.290 .263 148 .462 31 .558		.315 .279 190 .521 118 .740
50								.252 .200 170 .462 104 .592		.252 .200 170 .462 104 .592
45			.230 .174 181 .370 16 .600		.219 .130 233 .328 10 .751	.075 1	.223 .115 210 .497 29 .722	.238 .208 143 .403 109 .540		.232 .176 165 .405 165 .612
40						.150 .100 149 .229 128 .596		.169 .116 105 .283 30 .401		.153 .096 142 .237 158 .586
35			.085 .056 083 .125 14 .290			.089 .063 068 .133 16 .263				.067 .042 075 .132 30 .313
30		.061 .057 020 .073 5 .094	.068 .061 035 .096 14 .153			.070 .067 036 .088 17 .154				.068 .050 034 .093 36 .173
25										
20		.068 .072 029 .100 8 .102			.044 .040 026 .068 4 .077		.070 .066 033 .093 11 .136			.065 .060 032 .093 23 .127
15		.064 .064 003 .065 2 .066								.064 .064 003 .065 2 .066
10		.067 .058 021 .084 3 .094				.036 .034 017 .053 15 .066				.041 .045 021 .056 18 .087
5		.099 1								.099 1
0		.061 .048 034 .090 4 .113								.061 .048 034 .090 4 .113
5				.027 .025 016 .039 4 .050						.027 .025 016 .039 4 .050
10										
15							.033 .033 001 .033 2 .033			.033 .033 001 .033 2 .033
20										
25										
30										
35										
40			.138 .111 089 .224 60 .365				.334 .097 341 .586 3 .787			.148 .109 122 .224 63 .382
45S				.113 .064 082 .176 5 .257		.063 1				.105 .061 077 .153 6 .255

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.641 .680 .248 .874 12 .977					.641 .680 .248 .874 12 .977
60						.512 .537 .181 .633 34 .899				.512 .537 .181 .633 34 .899
55						.393 .447 .187 .589 26 .655	.428 .423 .202 .607 61 .773	.406 .426 .150 .556 31 .619		.414 .420 .187 .587 118 .759
50								.338 .325 .178 .520 104 .727		.338 .325 .178 .520 104 .727
45			.341 .325 .192 .572 16 .653		.366 .363 .277 .697 10 .778	.077 1	.261 .168 .225 .516 29 .813	.309 .301 .170 .485 109 .649		.306 .251 .193 .515 165 .744
40						.177 .113 .171 .276 128 .748		.207 .168 .119 .300 30 .471		.183 .113 .163 .287 158 .638
35			.092 .059 .091 .122 14 .322			.122 .103 .088 .230 16 .309				.108 .054 .091 .222 30 .340
30		.064 .061 .021 .079 5 .098	.078 .064 .052 .110 14 .211			.079 .067 .046 .099 17 .192				.076 .053 .046 .100 36 .215
25										
20		.081 .081 .035 .119 8 .126			.052 .045 .038 .089 4 .103		.079 .074 .044 .114 11 .173			.075 .071 .042 .114 23 .181
15		.069 .069 .010 .076 2 .079								.069 .069 .010 .076 2 .079
10		.072 .059 .025 .091 3 .104				.035 .033 .017 .048 15 .064				.041 .041 .023 .053 18 .094
5		.106 1								.106 1
0		.064 .051 .035 .094 4 .117								.064 .051 .035 .094 4 .117
5				.028 .024 .020 .042 4 .057						.028 .024 .020 .042 4 .057
10										
15							.035 .035 .000 .035 2 .035			.035 .035 .000 .035 2 .035
20										
25										
30										
35										
40			.179 .156 .101 .290 60 .377				.403 .133 .404 .705 3 .940			.190 .154 .140 .292 63 .442
45S				.164 .115 .092 .241 5 .323		.065 1				.148 .104 .092 .217 6 .320

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65										695 188 12 737 878 915
60										597 202 34 579 755 1 077
55							486 196 61 484 656 878	512 125 31 502 631 737		486 176 118 480 624 853
50								413 169 104 427 560 775		413 169 104 427 560 775
45			420 190 16 427 604 736				324 249 29 236 645 942	384 151 109 411 540 664		382 195 165 368 557 882
40								280 142 30 283 424 521		219 159 158 150 355 649
35			116 108 14 076 177 379							150 125 30 066 275 451
30		068 026 5 067 090 107	093 079 14 072 104 305							087 064 36 061 109 294
25										
20		091 043 8 088 141 149					090 058 11 073 134 212			087 054 23 073 144 201
15		077 022 2 077 092 098								077 022 2 077 092 098
10		076 026 3 058 095 111								046 023 18 047 059 101
5		113 1								113 1
0		067 034 4 056 096 119								067 034 4 056 096 119
5				028 019 4 023 042 057						028 019 4 023 042 057
10										
15							037 002 2 037 038 039			037 002 2 037 038 039
20										
25										
30										
35										
40			213 113 60 179 322 512				393 304 3 194 621 797			222 134 63 181 322 515
45S				211 081 5 159 282 349						188 091 6 157 262 347

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.764 .752 .221 .977 12 1.033					.764 .752 .221 .977 12 1.033
60						.643 .638 .193 .853 34 1.094				.643 .638 .193 .853 34 1.094
55						.489 .574 .169 .633 26 .707	.558 .557 .208 .735 61 1.019	.556 .574 .132 .702 31 .777	.542 .555 .185 .714 118 .955	
50								.449 .452 .161 .610 105 .783	.449 .452 .161 .610 105 .783	
45			.470 .495 .172 .641 16 .705		.565 .689 .321 .887 10 .943	.377 1	.382 .302 .248 .658 29 .938	.428 .443 .139 .552 109 .720	.432 .443 .165 .587 165 .842	
40						.250 .221 .169 .361 128 .728		.350 .394 .147 .491 30 .570	.269 .206 .170 .436 158 .707	
35			.143 .098 .149 .172 14 .534			.205 .170 .135 .308 16 .501			.176 .096 .145 .297 30 .568	
30		.073 .074 .031 .100 5 .117	.105 .085 .086 .132 14 .331			.120 .099 .071 .204 17 .258			.107 .068 .075 .148 36 .302	
25										
20		.101 .096 .053 .157 8 .178			.063 .055 .049 .111 4 .127		.110 .082 .079 .188 11 .256		.099 .082 .068 .152 23 .255	
15		.078 .078 .026 .095 2 .102							.078 .078 .026 .095 2 .102	
10		.097 .086 .017 .109 3 .119				.044 .039 .019 .064 15 .076			.053 .051 .027 .081 18 .108	
5		.120 1							.120 1	
0		.079 .070 .027 .101 4 .121							.079 .070 .027 .101 4 .121	
5				.028 .021 .018 .041 4 .057					.028 .021 .018 .041 4 .057	
10										
15							.038 .038 .005 .041 2 .043		.038 .038 .005 .041 2 .043	
20										
25										
30										
35										
40			.250 .230 .117 .352 60 .519				.433 .323 .167 .559 3 .656		.258 .234 .126 .354 63 .635	
45S				.245 .219 .089 .323 5 .389		.075 1			.217 .197 .103 .304 6 .387	

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.816 .763	.300 1.153	12 1.343			.816 .763	.300 1.153	12 1.343
60						.660 .660	.222 .795	34 1.236		.660 .660	.222 .795	34 1.236
55						.520 .532	.162 .651	26 .824	.611 .606	.221 .810	60 1.122	.574 .612	.135 .678	31 .832	.581 .600	.193 .754	117 1.057
50												.500 .493	.175 .634	105 .892	.500 .493	.175 .634	105 .892
45			.315 .516	.217 .775	16 .820	.514 .467	.317 .899	10 .987	.451		1	.433 .359	.256 .704	29 .982	.475 .504	.146 .606	109 .764	.474 .494	.192 .642	165 .837
40									.292 .256	.180 .422	128 .776				.409 .413	.170 .570	30 .710	.315 .248	.184 .535	158 .771
35			.175 .142	.133 .302	14 .466				.244 .169	.216 .487	16 .729							.212 .106	.185 .384	30 .686
30		.078 .083	.036 .111	5 .126	.111 .090	.068 .151	14 .283			.170 .124	.164 .250	17 .610						.134 .080	.126 .197	36 .447
25																				
20		.112 .108	.062 .174	8 .204				.052 .046	.034 .084	4 .099			.137 .074	.118 .284	11 .362			.114 .088	.096 .192	23 .353
15		.081 .081	.026 .098	2 .105														.081 .081	.026 .098	2 .105
10		.118 .128	.020 .134	3 .137							.046 .049	.017 .055	15 .074					.058 .052	.032 .081	18 .134
5		.128		1														.128		1
0		.084 .075	.027 .108	4 .124														.084 .075	.027 .108	4 .124
5						.029 .020	.019 .042	4 .059										.029 .020	.019 .042	4 .059
10																				
15													.042 .042	.006 .046	2 .048			.042 .042	.006 .046	2 .048
20																				
25																				
30																				
35																				
40			.296 .271	.149 .434	60 .584								.524 .628	.288 .754	3 .806			.307 .271	.165 .454	63 .769
45S				.288 .280	.115 .366	5 .478				.088		1						.255 .252	.129 .334	6 .474

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.911 .888 1.107 1.250 .171 12					.911 .888 1.107 1.250 .171 12
60						.738 .734 .833 1.305 .221 34				.738 .734 .833 1.305 .221 34
55						.560 .592 .693 .849 .185 26	.695 .663 .910 1.278 .244 60	.641 .671 .797 .910 .170 31		.651 .647 .858 1.225 .220 117
50								.553 .564 .732 .862 .188 105		.553 .564 .732 .862 .188 105
45			.371 .560 .840 .969 .232 16		.588 .562 .858 1.150 .316 10	.533 1	.481 .471 .747 1.014 .264 29	.530 .544 .652 .768 .139 109		.529 .541 .673 .982 .193 165
40						.347 .324 .542 .804 .183 128		.449 .463 .605 .814 .174 30		.367 .309 .565 .820 .186 158
35			.191 .175 .322 .370 .110 14			.268 .166 .493 .783 .225 16				.232 .130 .353 .728 .185 30
30		.090 .105 .127 .139 .041 5	.116 .098 .162 .218 .047 14			.182 .130 .217 .646 .167 17				.144 .092 .203 .467 .125 36
25										
20		.130 .126 .200 .215 .068 6			.071 .077 .103 .111 .035 4		.170 .131 .305 .425 .129 11			.139 .112 .218 .394 .105 23
15		.091 .091 .105 .111 .021 2								.091 .091 .105 .111 .021 2
10		.111 .125 .133 .137 .028 3				.061 .056 .083 .115 .027 15				.070 .063 .095 .134 .033 18
5		.135 1								.135 1
0		.087 .083 .116 .127 .031 4								.087 .083 .116 .127 .031 4
5				.037 .026 .050 .070 .021 4						.037 .026 .050 .070 .021 4
10										
15							.060 .060 .061 .062 .003 2			.060 .060 .061 .062 .003 2
20										
25										
30										
35										
40			.355 .302 .583 .908 .204 60				.448 .198 .735 .956 .382 3			.359 .300 .589 .946 .216 63
45S				.385 .360 .432 .505 .068 5		.135 1				.344 .351 .412 .502 .112 6

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.020 .217 12 .994 1.233 1.401					1.020 .217 12 .994 1.233 1.401
60						.901 .305 34 .884 1.140 1.693				.901 .305 34 .884 1.140 1.693
55						.636 .259 26 .693 .889 1.110	.772 .269 60 .762 1.025 1.357	.693 .181 31 .677 .843 1.067		.721 .253 117 .719 .970 1.317
50								.619 .180 105 .613 .816 .991		.619 .180 105 .613 .816 .991
45			.556 .217 16 .557 .784 .930		.727 .348 10 .700 .956 1.422	.579 1	.580 .303 29 .554 .968 1.143	.598 .164 109 .592 .753 .935		.598 .217 165 .592 .781 1.017
40						.407 .203 128 .382 .585 .881		.457 .174 30 .474 .629 .795		.417 .199 158 .364 .618 .835
35			.228 .119 14 .232 .371 .416			.257 .121 16 .223 .388 .479				.243 .121 30 .158 .380 .462
30		.101 .047 5 .126 .142 .153	.140 .048 14 .127 .202 .229			.220 .224 17 .144 .248 .848				.172 .164 36 .117 .224 .622
25										
20		.147 .078 8 .146 .228 .244			.136 .077 4 .145 .204 .228		.212 .143 11 .167 .404 .432			.178 .119 23 .167 .264 .426
15		.104 .020 2 .104 .118 .123								.104 .020 2 .104 .118 .123
10		.118 .031 3 .133 .142 .145				.072 .025 15 .070 .097 .118				.080 .031 18 .073 .116 .142
5		.143 1								.143 1
0		.124 .065 4 .099 .177 .224								.124 .065 4 .099 .177 .224
5				.044 .024 4 .033 .061 .082						.044 .024 4 .033 .061 .082
10										
15							.080 .002 2 .080 .081 .082			.080 .002 2 .080 .081 .082
20										
25										
30										
35										
40			.399 .208 60 .360 .639 .837				.372 .181 3 .250 .507 .613			.398 .207 63 .359 .631 .833
45S				.498 .158 4 .517 .621 .689		.182 1				.434 .189 5 .496 .595 .686

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	MEAN
70N									
65					1.225 .273 12 1.209 1.510 1.603				1.225 .273 12 1.209 1.510 1.603
60						1.085 .289 34 1.024 1.372 1.761			1.085 .289 34 1.024 1.372 1.761
55						.716 .279 26 .745 .967 1.268	.916 .244 60 .911 1.191 1.413	.800 .195 31 .768 1.002 1.153	.841 .254 117 .817 1.092 1.343
50								.748 .206 105 .732 .951 1.206	.748 .206 105 .732 .951 1.206
45			.612 .253 16 .617 .865 1.055		.885 .396 10 .761 1.327 1.520	.718 1	.628 .277 29 .545 .963 1.179	.682 .179 109 .691 .865 1.040	.678 .232 165 .669 .882 1.238
40						.486 .217 127 .453 .711 .982		.500 .199 30 .435 .743 .858	.489 .214 157 .443 .722 .964
35			.303 .158 14 .358 .462 .533			.356 .243 16 .247 .527 .925			.331 .209 30 .168 .482 .906
30	.112 .053 5 .147 .157 .165		.168 .067 14 .154 .223 .318			.286 .261 17 .197 .406 .987			.216 .197 36 .133 .322 .750
25									
20	.166 .090 8 .172 .243 .285				.269 .228 4 .172 .427 .628		.273 .164 11 .225 .481 .546		.235 .165 23 .216 .382 .612
15	.116 .018 2 .116 .127 .132								.116 .018 2 .116 .127 .132
10	.189 .087 3 .155 .260 .303					.107 .031 15 .104 .134 .160			.121 .055 18 .112 .152 .259
5	.151 1								.151 1
0	.120 .048 4 .110 .164 .188								.120 .048 4 .110 .164 .188
5				.067 .024 4 .064 .090 .096					.067 .024 4 .064 .090 .096
10									
15							.117 .019 2 .117 .129 .134		.117 .019 2 .117 .129 .134
20									
25									
30									
35									
40			.511 .262 60 .423 .839 1.054				.452 .174 3 .388 .593 .678		.508 .259 63 .420 .812 1.052
45S				.548 .180 4 .487 .709 .816		.248 1			.488 .201 5 .397 .668 .811

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 530

LAT	MEAN	15E	30W	75W	120W	165W	150E	105E	60E	15E
70N										
65	1.469 .196 12 1.459 1.681 1.717					1.469 .196 12 1.459 1.681 1.717				
60	1.267 .362 34 1.183 1.646 2.123				1.267 .362 34 1.183 1.646 2.123					
55	1.001 .280 117 .996 1.280 1.551		.961 .256 31 .955 1.110 1.569	1.075 .257 60 1.066 1.358 1.554	.875 .301 26 .913 1.097 1.409					
50	.884 .248 105 .870 1.058 1.519		.884 .248 105 .870 1.058 1.519							
45	.808 .284 165 .805 1.056 1.466		.781 .237 109 .805 .967 1.368	.805 .277 29 .793 1.093 1.261	.527 1	1.228 .387 10 1.287 1.546 1.765		.751 .307 16 .761 1.154 1.210		
40	.587 .234 157 .561 .843 1.086		.596 .237 30 .486 .841 1.104		.585 .233 127 .563 .841 1.059					
35	.407 .216 30 .303 .576 .888				.403 .167 16 .344 .526 .810			.412 .260 14 .424 .691 .863		
30	.306 .245 36 .173 .498 .967				.440 .269 17 .316 .715 1.104			.209 .089 14 .183 .243 .426	.123 .060 5 .169 .173 .178	
25										
20	.273 .147 23 .258 .410 .573			.337 .152 11 .332 .458 .617		.224 .129 4 .173 .328 .425			.208 .103 8 .218 .328 .347	
15	.353 .223 2 .353 .505 .567								.353 .223 2 .353 .505 .567	
10	.165 .053 18 .165 .223 .251				.155 .051 15 .157 .210 .247				.217 .025 3 .214 .238 .249	
5	.159 1								.159 1	
0	.115 .036 4 .119 .150 .151								.115 .036 4 .119 .150 .151	
5	.113 .046 4 .103 .149 .180						.113 .046 4 .103 .149 .180			
10										
15	.153 .034 2 .153 .176 .186			.153 .034 2 .153 .176 .186						
20										
25										
30										
35										
40	.664 .293 63 .621 .953 1.271			.827 .422 3 .812 1.179 1.330				.656 .282 60 .620 .941 1.228		
45S	.644 .214 5 .514 .870 .969				.432 1		.697 .208 4 .660 .898 .972			

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.743 .179 12 1.748 1.934 1.964					1.743 .179 12 1.748 1.934 1.964
60						1.511 .354 34 1.463 1.872 2.282				1.511 .354 34 1.463 1.872 2.282
55						1.065 .309 26 1.052 1.418 1.499	1.334 .312 59 1.299 1.607 2.020	1.167 .246 31 1.194 1.399 1.632		1.229 .316 116 1.172 1.502 1.985
50								1.020 .289 105 1.010 1.307 1.777		1.020 .289 105 1.010 1.307 1.777
45			.956 .343 16 .988 1.293 1.551		1.335 .386 10 1.403 1.635 1.909	.858 1 . . .	.946 .253 29 .958 1.159 1.441	.961 .262 109 .939 1.185 1.589		.980 .292 165 .953 1.232 1.680
40						.789 .225 127 .766 1.003 1.226		.683 .249 30 .677 .962 1.197		.769 .233 157 .756 .998 1.267
35			.518 .287 14 .494 .810 1.008			.572 .184 16 .561 .758 .901				.547 .239 30 .448 .803 .985
30		.188 .066 5 .197 .244 .244	.299 .118 14 .274 .467 .515			.555 .251 17 .509 .849 .989				.404 .240 36 .236 .642 .934
25										
20		.274 .093 8 .264 .352 .436			.486 .366 4 .346 .785 1.055		.462 .187 11 .402 .589 .885			.401 .227 23 .351 .536 1.031
15		.656 .529 2 .656 1.015 1.163								.656 .529 2 .656 1.015 1.163
10		.318 .119 3 .239 .407 .476				.233 .144 15 .196 .300 .595				.247 .144 18 .203 .353 .586
5		.206 1								.206 1
0		.125 .042 4 .127 .167 .169								.125 .042 4 .127 .167 .169
5				.156 .043 4 .153 .190 .215						.156 .043 4 .153 .190 .215
10										
15							.254 .086 2 .254 .312 .337			.254 .086 2 .254 .312 .337
20										
25										
30										
35										
40			.809 .286 60 .783 1.095 1.483				.779 .252 3 .742 .988 1.090			.808 .285 63 .783 1.104 1.475
45S				.943 .145 4 .981 1.063 1.092		.862 1 . . .				.926 .133 5 .933 1.052 1.091

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JUNE
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.049 .220 12 2.053 2.288 2.337					2.049 .220 12 2.053 2.288 2.337
60						1.741 .365 34 1.640 2.117 2.451				1.741 .365 34 1.640 2.117 2.451
55						1.399 .279 26 1.310 1.618 1.739	1.641 .343 58 1.594 1.897 2.465	1.467 .367 31 1.499 1.849 2.043		1.517 .364 115 1.513 1.853 2.222
50								1.211 .334 105 1.196 1.541 1.821		1.211 .334 105 1.196 1.541 1.821
45			1.097 .329 16 1.117 1.457 1.634		1.686 .458 10 1.780 2.101 2.248	1.076 1	1.257 .280 29 1.246 1.547 1.820	1.179 .261 109 1.154 1.469 1.729		1.215 .313 165 1.166 1.530 1.940
40						1.009 .243 127 1.032 1.236 1.487		.871 .306 30 .831 1.143 1.572		.983 .262 157 1.005 1.228 1.492
35			.676 .403 14 .644 .889 1.559			.774 .180 16 .721 .994 1.095				.728 .309 30 .654 .973 1.463
30		.275 .113 5 .339 .366 .381	.452 .134 14 .452 .600 .635			.706 .211 17 .728 .937 1.028				.548 .236 36 .422 .781 .998
25										
20		.391 .125 8 .375 .534 .551			.584 .247 4 .652 .779 .839		.576 .158 11 .698 .722 .742			.513 .190 23 .520 .714 .804
15		.917 .733 2 .917 1.415 1.620								.917 .733 2 .917 1.415 1.620
10		.435 .091 3 .458 .509 .530				.306 .172 15 .267 .418 .736				.328 .168 18 .296 .479 .720
5		.280 1								.280 1
0		.148 .056 4 .148 .203 .205								.148 .056 4 .148 .203 .205
5				.277 .118 4 .266 .389 .431						.277 .118 4 .266 .389 .431
10										
15							.521 .024 2 .521 .537 .544			.521 .024 2 .521 .537 .544
20										
25										
30										
35										
40			1.021 .350 60 1.051 1.296 1.863				1.343 .280 3 1.209 1.569 1.709			1.037 .354 63 1.056 1.309 1.859
45S				1.124 .166 4 1.077 1.252 1.377		1.304 1				1.160 .165 5 1.097 1.337 1.388

LONGITUDE

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

JUNE
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.297 .251 12 2.358 2.547 2.617					2.297 .251 12 2.358 2.547 2.617
60						2.136 .305 34 2.079 2.601 2.680				2.136 .305 34 2.079 2.601 2.680
55						1.561 .249 26 1.537 1.836 1.926	1.918 .330 58 1.861 2.165 2.612	1.768 .586 31 1.565 2.553 2.822		1.797 .426 115 1.751 2.165 2.753
50								1.480 .322 105 1.474 1.765 2.207		1.480 .322 105 1.474 1.765 2.207
45			1.375 .317 16 1.348 1.701 1.908		1.742 .310 10 1.753 1.961 2.237	1.396 1	1.520 .339 29 1.403 1.917 2.318	1.389 .253 109 1.395 1.610 1.902		1.432 .295 165 1.406 1.707 2.003
40						1.269 .285 127 1.265 1.516 1.918		1.117 .319 30 1.030 1.408 1.768		1.240 .298 157 1.223 1.515 1.911
35			.928 .404 14 .843 1.216 1.747			1.107 .210 16 1.133 1.327 1.403				1.023 .328 30 .953 1.326 1.606
30		.444 .237 5 .520 .647 .745	.734 .234 14 .757 .952 1.116			1.114 .313 17 1.059 1.357 1.806				.873 .369 36 .689 1.170 1.609
25										
20		.560 .145 8 .572 .661 .794			.696 .187 4 .698 .839 .944		.700 .152 11 .728 .886 .909			.651 .170 23 .661 .849 .938
15		1.261 .862 2 1.261 1.847 2.089								1.261 .862 2 1.261 1.847 2.089
10		.602 .152 3 .703 .713 .716				.466 .236 15 .438 .702 .953				.489 .230 18 .440 .718 .946
5		.446 1								.446 1
0		.302 .067 4 .268 .349 .408								.302 .067 4 .268 .349 .408
5				.502 .164 4 .547 .650 .659						.502 .164 4 .547 .650 .659
10										
15							.613 .040 2 .613 .640 .651			.613 .040 2 .613 .640 .651
20										
25										
30										
35										
40			1.297 .401 60 1.269 1.676 2.166				1.625 .177 3 1.641 1.772 1.825			1.312 .400 63 1.325 1.685 2.153
45S				1.328 .169 4 1.322 1.496 1.524		1.446 1				1.351 .159 5 1.446 1.486 1.523

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.052 .051 .016 .072 21 .080					.052 .051 .016 .072 21 .080
60						.050 .050 .016 .066 38 .078				.050 .050 .016 .066 38 .078
55						.057 .057 .021 .079 30 .091	.061 .061 .020 .080 67 .104	.055 .057 .015 .065 25 .087		.059 .056 .019 .079 122 .094
50						.051 .040 .017 .064 3 .075		.065 .062 .022 .082 122 .115		.065 .062 .022 .081 125 .115
45			.068 .072 .022 .087 20 .102		.048 .049 .011 .056 13 .066	.031 .027 .010 .044 8 .045	.058 .062 .018 .073 34 .091	.068 .061 .081 .071 117 .092		.063 .059 .065 .073 192 .093
40						.057 .056 .018 .073 91 .088		.071 .071 .020 .092 31 .104		.060 .055 .019 .082 122 .098
35			.057 .059 .012 .066 4 .070			.041 .039 .009 .050 17 .054				.044 .040 .011 .054 21 .067
30		.035 .024 .018 .058 7 .065	.049 .040 .025 .076 16 .102			.052 .053 .016 .064 23 .082				.049 .032 .021 .066 46 .090
25										
20		.038 .038 .010 .049 12 .053			.027 1		.052 .056 .018 .070 14 .080			.045 .046 .017 .064 27 .077
15										
10		.062 .062 .008 .068 4 .072				.040 .037 .029 .049 68 .064				.041 .037 .029 .052 72 .069
5		.022 .020 .009 .030 3 .033								.022 .020 .009 .030 3 .033
0		.029 .030 .008 .039 7 .040								.029 .030 .008 .039 7 .040
5				.012 .012 .004 .014 2 .015						.012 .012 .004 .014 2 .015
10										
15							.011 1			.011 1
20										
25										
30										
35										
40			.038 .037 .012 .043 58 .057				.023 .020 .005 .027 3 .030			.037 .036 .013 .043 61 .057
45S				.043 .043 .005 .046 2 .048						.043 .043 .005 .046 2 .048

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 210

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.055 .054 / .018 .076 / 21 .084					.055 .054 / .018 .076 / 21 .084				
60	.054 .057 / .019 .071 / 38 .083						.054 .057 / .019 .071 / 38 .083			
55	.060 .059 / .021 .078 / 122 .105						.062 .059 / .029 .078 / 30 .130	.061 .062 / .019 .077 / 67 .099	.057 .059 / .014 .069 / 25 .087	
50	.069 .065 / .024 .091 / 125 .123						.058 .049 / .017 .071 / 3 .081		.069 .066 / .024 .092 / 122 .123	
45	.065 .062 / .050 .079 / 192 .101			.075 .081 / .023 .091 / 20 .110		.046 .047 / .014 .055 / 13 .074	.041 .043 / .015 .054 / 8 .064	.061 .062 / .019 .080 / 34 .089	.069 .063 / .061 .073 / 117 .098	
40	.064 .058 / .021 .085 / 122 .108						.060 .060 / .021 .080 / 91 .099		.074 .076 / .020 .090 / 31 .114	
35	.046 .042 / .015 .058 / 21 .081			.058 .060 / .013 .068 / 4 .074			.043 .040 / .014 .054 / 17 .075			
30	.054 .040 / .022 .073 / 46 .090		.036 .023 / .020 .059 / 7 .068	.056 .052 / .024 .077 / 16 .107			.058 .060 / .020 .072 / 23 .087			
25										
20	.049 .050 / .017 .067 / 27 .080		.040 .039 / .010 .051 / 12 .055			.027 / 1		.058 .062 / .018 .075 / 14 .081		
15										
10	.052 .037 / .100 .056 / 72 .075		.065 .063 / .009 .072 / 4 .078				.051 .037 / .103 .055 / 68 .068			
5	.027 .022 / .008 .033 / 3 .037		.027 .022 / .008 .033 / 3 .037							
0	.028 .028 / .007 .037 / 7 .037		.028 .028 / .007 .037 / 7 .037							
5	.012 .012 / .003 .013 / 2 .014				.012 .012 / .003 .013 / 2 .014					
10										
15	.007 / 1							.007 / 1		
20										
25										
30										
35										
40	.037 .036 / .008 .045 / 61 .056			.037 .037 / .008 .045 / 58 .056				.026 .024 / .004 .029 / 3 .032		
45S	.044 .044 / .005 .047 / 2 .049				.044 .044 / .005 .047 / 2 .049					

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 230

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.059 .027 21 .055 .077 .127					.059 .027 21 .055 .077 .127
60						.057 .022 38 .058 .077 .103				.057 .022 38 .058 .077 .103
55						.062 .026 30 .059 .080 .125	.065 .019 67 .064 .081 .103	.059 .018 25 .061 .072 .098		.063 .021 122 .061 .079 .113
50						.059 .015 3 .051 .071 .079		.073 .026 122 .068 .099 .129		.073 .026 125 .068 .098 .129
45			.077 .023 20 .081 .101 .114		.046 .015 13 .047 .059 .075	.035 .013 8 .031 .052 .058	.065 .019 34 .067 .081 .100	.069 .043 117 .067 .080 .106		.066 .037 192 .063 .081 .109
40						.061 .024 91 .062 .086 .103		.076 .022 31 .079 .096 .119		.065 .024 122 .059 .089 .116
35			.064 .016 4 .069 .079 .079			.046 .013 17 .046 .061 .068				.050 .016 21 .047 .066 .079
30		.038 .022 7 .026 .060 .070	.060 .022 16 .056 .080 .107			.063 .022 23 .063 .085 .096				.058 .024 46 .043 .080 .099
25										
20		.042 .011 12 .040 .053 .059			.026 1		.055 .018 14 .061 .072 .076			.048 .017 27 .047 .068 .075
15										
10		.068 .011 4 .067 .078 .083				.043 .034 68 .038 .053 .071				.044 .033 72 .039 .055 .079
5		.027 .007 3 .025 .033 .037								.027 .007 3 .025 .033 .037
0		.030 .011 7 .029 .036 .049								.030 .011 7 .029 .036 .049
5				.012 .001 2 .012 .013 .013						.012 .001 2 .012 .013 .013
10										
15							.014 1			.014 1
20										
25										
30										
35										
40			.039 .010 58 .037 .049 .066				.030 .004 3 .030 .033 .035			.039 .010 61 .036 .049 .065
45S				.046 .006 2 .046 .019 .051						.046 .006 2 .046 .049 .051

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.064 .063 .024 .087 21 .119					.064 .063 .024 .087 21 .119	65
60						.058 .059 .022 .081 38 .098				.058 .059 .022 .081 38 .098	60
55						.067 .062 .030 .092 30 .145	.067 .065 .021 .084 67 .112	.062 .064 .021 .076 25 .110		.066 .062 .024 .084 122 .124	55
50						.060 .053 .013 .070 3 .077		.077 .071 .029 .106 122 .145		.076 .070 .029 .105 125 .144	50
45			.079 .082 .025 .099 20 .124		.053 .055 .017 .064 13 .085	.063 .060 .025 .088 8 .102	.071 .070 .020 .087 34 .124	.070 .071 .026 .084 117 .112		.070 .066 .025 .086 192 .123	45
40						.065 .067 .025 .089 91 .107		.079 .077 .023 .105 31 .124		.068 .062 .025 .093 122 .120	40
35			.065 .068 .016 .079 4 .083			.050 .052 .013 .061 17 .070				.053 .052 .015 .066 21 .080	35
30		.039 .029 .022 .062 7 .066	.061 .060 .021 .079 16 .099			.064 .057 .023 .087 23 .096				.059 .044 .023 .084 46 .097	30
25											25
20		.044 .041 .012 .059 12 .064			.025 1		.055 .060 .021 .075 14 .088			.049 .048 .019 .065 27 .085	20
15											15
10		.072 .071 .013 .084 4 .089				.040 .037 .014 .054 68 .070				.042 .038 .016 .057 72 .077	10
5		.024 .019 .008 .030 3 .034								.024 .019 .008 .030 3 .034	5
0		.031 .032 .009 .040 7 .043								.031 .032 .009 .040 7 .043	0
5				.012 .012 0.000 .012 2 .012						.012 .012 0.000 .012 2 .012	5
10											10
15							.020 1			.020 1	15
20											20
25											25
30											30
35											35
40			.042 .040 .013 .053 58 .071				.033 .036 .005 .037 3 .037			.042 .039 .013 .053 61 .071	40
45S				.046 .046 .006 .050 2 .052						.046 .046 .006 .050 2 .052	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 270

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.073 .060 .038 .108 21 .162					.073 .060 .038 .108 21 .162
60						.064 .064 .028 .087 38 .122				.064 .062 .028 .087 38 .122
55						.067 .062 .032 .086 30 .148	.073 .068 .027 .095 67 .150	.067 .066 .025 .078 25 .131		.070 .066 .028 .090 122 .158
50						.061 .056 .010 .069 3 .074		.078 .072 .030 .105 122 .147		.077 .072 .029 .104 125 .147
45			.083 .086 .027 .102 20 .135		.055 .059 .020 .074 13 .087	.059 .049 .024 .094 8 .099	.078 .075 .031 .094 34 .164	.073 .070 .025 .091 117 .124		.073 .065 .027 .092 192 .138
40						.067 .069 .026 .095 91 .120		.082 .077 .025 .111 31 .129		.071 .062 .027 .099 122 .125
35			.072 .077 .020 .089 4 .091			.052 .053 .017 .071 17 .077				.055 .053 .019 .076 21 .089
30		.040 .032 .020 .063 7 .064	.061 .064 .020 .074 16 .098			.065 .064 .023 .088 23 .100				.060 .045 .023 .084 46 .102
25										
20		.046 .041 .015 .066 12 .072			.039 1		.055 .063 .019 .071 14 .077			.050 .049 .018 .071 27 .077
15										
10		.076 .076 .014 .089 4 .094				.043 .042 .015 .056 67 .074				.045 .042 .017 .059 71 .090
5		.022 .015 .010 .029 3 .035								.022 .015 .010 .029 3 .035
0		.035 .034 .014 .054 7 .058								.035 .034 .014 .054 7 .056
5				.013 .013 .002 .014 2 .014						.013 .013 .002 .014 2 .014
10										
15							.026 1			.026 1
20										
25										
30										
35										
40			.046 .041 .018 .059 58 .099				.049 .042 .012 .058 3 .065			.046 .041 .018 .060 81 .099
45S				.050 .050 .009 .055 2 .058						.050 .050 .009 .055 2 .058

LONGITUDE

221

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 290

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.096 .076 .056 .139 21 232					.096 .076 .058 .139 21 232
60						.071 .062 .036 .093 38 .161				.071 .062 .036 .093 38 .161
55						.075 .066 .047 .093 30 .217	.082 .072 .050 .102 67 .281	.079 .070 .062 .086 25 .255		.080 .067 .052 .097 122 .279
50						.062 .058 .008 .069 3 .073		.081 .075 .032 .108 122 .164		.080 .074 .032 .107 125 .164
45			.089 .094 .034 .110 20 .153		.079 .074 .040 .108 13 .164	.053 .054 .019 .068 8 .082	.085 .078 .038 .102 34 .190	.078 .073 .036 .096 117 .176		.079 .070 .036 .104 192 .181
40						.079 .072 .076 .101 91 .152		.088 .078 .029 .129 31 .148		.081 .066 .067 .103 122 .150
35			.071 .076 .021 .091 4 .091			.053 .055 .019 .072 17 .082				.057 .057 .020 .075 21 .091
30		.041 .035 .018 .059 7 .063	.058 .060 .019 .074 16 .095			.071 .069 .028 .107 23 .120				.062 .045 .026 .084 46 .119
25										
20		.047 .044 .018 .069 12 .077			.051 1		.059 .066 .022 .074 14 .092			.053 .051 .021 .072 27 .092
15										
10		.080 .080 .016 .095 4 .100				.047 .045 .019 .059 67 .103				.049 .047 .020 .062 71 .108
5		.024 .019 .010 .032 3 .037								.024 .019 .010 .032 3 .037
0		.041 .041 .012 .055 7 .057								.041 .041 .012 .055 7 .057
5				.013 .013 .002 .014 2 .015						.013 .013 .002 .014 2 .015
10										
15							.033 1			.033 1
20										
25										
30										
35										
40			.056 .045 .033 .085 58 .133				.075 .042 .052 .114 3 .144			.057 .045 .035 .087 61 .146
45S				.058 .058 .016 .069 2 .073						.058 .058 .016 .069 2 .073

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 310

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.131 .103 21 .095 .196 .416					.131 .103 21 .095 .196 .416
60						.087 .055 38 .079 .126 .230				.087 .055 38 .075 .126 .230
55						.089 .057 30 .071 .108 .248	.102 .074 67 .084 .132 .372	.103 .088 25 .080 .115 .382		.099 .074 122 .074 .130 .372
50						.066 .006 3 .067 .070 .072		.095 .045 122 .089 .135 .210		.094 .044 125 .087 .133 .209
45			.094 .037 20 .095 .118 .175		.102 .075 13 .074 .144 .276	.057 .021 8 .058 .079 .085	.094 .063 34 .073 .098 .303	.089 .051 117 .081 .113 .246		.090 .054 192 .073 .118 .275
40						.073 .036 91 .070 .102 .158		.093 .030 31 .084 .130 .153		.078 .036 122 .065 .107 .154
35			.070 .020 4 .072 .089 .092			.053 .016 17 .051 .066 .089				.056 .018 21 .052 .074 .094
30		.042 .016 7 .040 .054 .064	.056 .019 16 .057 .070 .096			.071 .026 23 .069 .103 .114				.062 .025 46 .044 .091 .112
25										
20		.048 .019 12 .046 .068 .083			.029 1		.058 .023 14 .058 .073 .105			.053 .022 27 .054 .070 .099
15										
10		.086 .016 4 .085 .101 .106				.048 .017 67 .046 .064 .084				.050 .019 71 .046 .067 .099
5		.029 .009 3 .028 .037 .040								.029 .009 3 .028 .037 .040
0		.046 .010 7 .045 .055 .057								.046 .010 7 .045 .055 .057
5				.012 .003 2 .012 .014 .015						.012 .003 2 .012 .014 .015
10										
15							.037 1			.037 1
20										
25										
30										
35										
40			.077 .062 58 .052 .116 .237				.101 .060 3 .070 .148 .180			.079 .063 61 .052 .120 .236
45S				.086 .047 2 .086 .117 .130						.086 .047 2 .086 .117 .130

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.182 .135 151 .339 21 .539					.182 .135 151 .339 21 .539
60						.122 .098 092 .174 38 .396				.122 .093 092 .174 38 .396
55						.113 .079 085 .197 30 .349	.146 .092 .116 .245 67 .430	.128 .086 .118 .130 25 .489		.134 .085 .111 .214 122 .463
50						.073 .073 010 .081 3 .085		.115 .089 075 .168 122 .359		.114 .088 074 .167 125 .358
45			.104 .088 060 .153 20 .260		.167 .114 154 .394 13 .477	.077 .071 034 .110 8 .140	.108 .082 086 .108 34 .362	.110 .086 079 .154 117 .355		.111 .075 086 .148 192 .383
40						.075 .074 040 .101 91 .146		.108 .107 035 .144 31 .180		.083 .067 041 .119 122 .163
35			.076 .069 029 .101 4 .118			.054 .050 015 .068 17 .083				.058 .056 020 .077 21 .106
30		.044 .047 015 .054 7 .065	.060 .060 020 .081 16 .097			.075 .069 028 .106 23 .127				.065 .045 026 .099 46 .121
25										
20		.048 .046 020 .064 12 .089			.029 1		.060 .059 022 .075 14 .102			.053 .055 022 .075 27 .102
15										
10		.092 .090 014 .106 4 .111				.050 .050 017 .064 67 .098				.052 .051 020 .067 71 .103
5		.038 .046 012 .047 3 .048								.038 .046 012 .047 3 .048
0		.051 .058 011 .061 7 .061								.051 .058 011 .061 7 .061
5				.012 .012 003 .013 2 .014						.012 .012 003 .013 2 .014
10										
15							.039 1			.039 1
20										
25										
30										
35										
40			.109 .086 090 .186 58 .398				.125 .078 080 .187 3 .232			.110 .086 090 .191 61 .391
45S				.135 .135 083 .191 2 .214						.135 .135 083 .191 2 .214

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.296 .241 21 .212 .533 .724					.296 .241 21 .212 .533 .724
60						.180 .129 38 .137 .331 .478				.180 .129 38 .137 .331 .478
55						.164 .102 30 .132 .312 .516	.226 .168 67 .170 .437 .546	.167 .100 25 .139 .274 .529		.199 .108 122 .158 .413 .546
50						.080 .085 3 .011 .088 .090		.150 .113 122 .107 .244 .441		.148 .112 125 .106 .244 .439
45			.119 .084 20 .091 .168 .364		.233 .100 13 .201 .437 .641	.089 .079 8 .055 .114 .199	.130 .094 34 .110 .168 .416	.144 .112 117 .101 .218 .447		.142 .093 192 .114 .220 .453
40						.082 .077 91 .041 .112 .149		.118 .117 31 .047 .160 .226		.092 .075 122 .045 .128 .207
35			.076 .067 4 .031 .100 .123			.060 .058 17 .021 .081 .093				.063 .061 21 .024 .082 .114
30	.047 .048 7 .015 .056 .067		.063 .067 16 .020 .079 .097			.080 .083 23 .032 .112 .136				.069 .045 46 .029 .101 .130
25										
20	.050 .046 12 .023 .069 .099				.029 1		.064 .061 14 .020 .084 .098			.056 .057 27 .023 .080 .102
15										
10	.099 .099 4 .013 .111 .116					.050 .048 67 .018 .068 .096				.053 .049 71 .021 .070 .103
5	.047 .050 3 .018 .062 .066									.047 .050 3 .018 .062 .066
0	.057 .057 7 .015 .068 .081									.057 .057 7 .015 .068 .081
5				.011 .011 2 .002 .012 .012						.011 .011 2 .002 .012 .012
10										
15							.041 1			.041 1
20										
25										
30										
35										
40			.149 .133 58 .097 .248 .412				.198 .201 3 .039 .230 .242			.152 .135 61 .096 .247 .412
45S				.187 .187 2 .102 .256 .284						.187 .187 2 .102 .256 .284

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 370

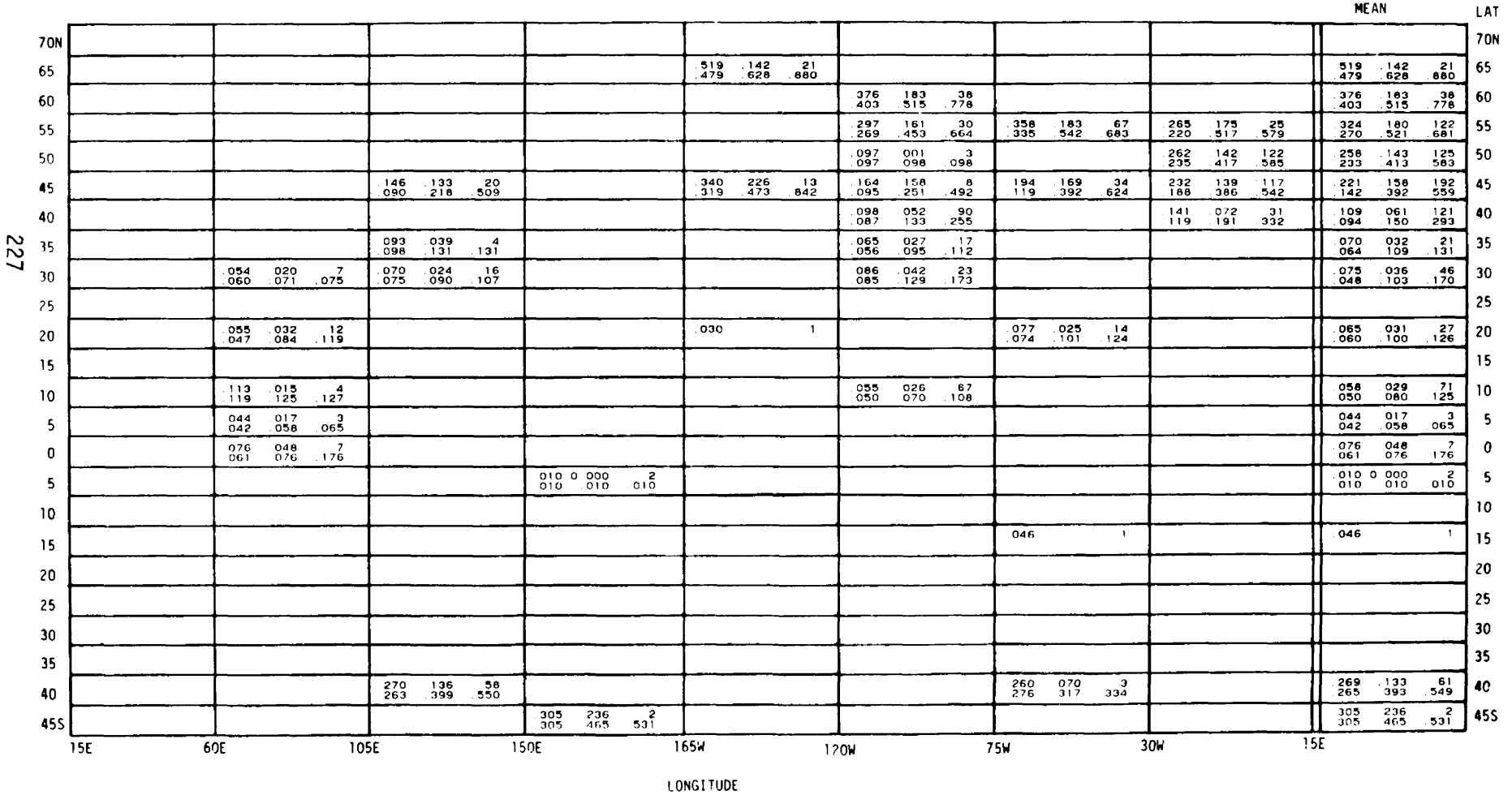
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.416 .402 177 .550 21 .793					.416 .402 177 .550 21 .793	65
60						.292 .301 158 .474 38 .571				.292 .301 158 .474 38 .571	60
55						.226 .137 157 .394 30 .589	.297 .284 189 .463 67 .649	.224 .104 178 .456 25 .576		.264 .171 183 .465 122 .640	55
50						.085 .090 011 .094 3 .096		.207 .181 127 .334 122 .521		.204 .176 127 .332 125 .520	50
45			.124 .079 107 .212 20 .414		.307 .178 243 .582 13 .669	.126 .083 122 .158 8 .389	.165 .113 145 .282 34 .550	.190 .158 121 .313 117 .491		.184 .115 142 .315 192 .538	45
40						.090 .082 045 .123 91 .197		.127 .112 065 .182 31 .295		.099 .079 053 .141 122 .262	40
35			.081 .075 032 .109 4 .127			.062 .054 023 .087 17 .104				.066 .063 026 .089 21 .122	35
30		.050 .057 017 .065 7 .069	.066 .074 021 .083 16 .098			.080 .086 030 .115 23 .120				.071 .047 028 .103 46 .119	30
25											25
20		.052 .045 027 .076 12 .108			.029 1		.066 .073 021 .088 14 .092			.058 .056 025 .088 27 .102	20
15											15
10		.106 .109 014 .116 4 .121				.052 .047 027 .064 67 .099				.055 .048 029 .069 71 .117	10
5		.046 .055 015 .057 3 .058								.046 .055 015 .057 3 .058	5
0		.065 .058 021 .075 7 .107								.065 .058 021 .075 7 .107	0
5				.010 .010 001 .011 2 .011						.010 .010 001 .011 2 .011	5
10											10
15							.043 1			.043 1	15
20											20
25											25
30											30
35											35
40			.207 .197 113 .326 58 .463				.277 .252 117 .374 3 .424			.211 .197 114 .328 61 .461	40
45S				.157 .157 078 .210 2 .232						.157 .157 078 .210 2 .232	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 390



227

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.585 .197 21 .512 .663 1.131					.585 .197 21 .512 .663 1.131
60						.409 .176 38 .455 .543 .818				.409 .176 38 .455 .543 .818
55						.345 .132 30 .339 .471 .548	.412 .180 67 .446 .558 .746	.304 .196 25 .279 .575 .614		.373 .179 122 .310 .546 .721
50						.131 .049 3 .102 .169 .196		.302 .147 122 .306 .455 .572		.298 .147 125 .304 .453 .570
45			.196 .168 20 .129 .380 .615		.392 .210 13 .362 .484 .873	.174 .155 8 .119 .201 .508	.214 .156 34 .140 .398 .555	.270 .133 117 .252 .406 .555		.257 .156 192 .200 .410 .581
40						.117 .100 90 .092 .143 .376		.158 .092 31 .136 .227 .414		.128 .099 121 .100 .179 .388
35			.095 .041 4 .090 .134 .151			.072 .036 17 .059 .094 .156				.076 .038 21 .063 .109 .167
30		.067 .026 7 .065 .091 .101	.072 .025 16 .078 .092 .119			.090 .045 23 .065 .137 .187				.081 .038 46 .057 .109 .159
25										
20		.061 .036 12 .053 .096 .133			.036 1		.089 .027 14 .081 .111 .145			.074 .035 27 .066 .110 .143
15										
10		.122 .018 4 .131 .134 .135				.058 .028 67 .053 .076 .140				.062 .031 71 .053 .084 .142
5		.044 .017 3 .037 .057 .066								.044 .017 3 .037 .057 .066
0		.083 .061 7 .065 .085 .210								.083 .061 7 .065 .085 .210
5				.013 0.000 2 .013 .013 .013						.013 0.000 2 .013 .013 .013
10										
15							.053 1			.053 1
20										
25										
30										
35										
40			.306 .140 58 .286 .436 .602				.271 .107 3 .312 .356 .374			.304 .139 61 .292 .430 .602
45S				.303 .204 2 .303 .441 .498						.303 .204 2 .303 .441 .498

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.623 .570 .187 .737 21 1.116					.623 .570 .187 .737 21 1.116
60						.472 .481 .225 .585 38 1.036				.472 .481 .225 .585 38 1.036
55						.383 .410 .131 .513 30 .559	.444 .432 .163 .581 67 .793	.335 .264 .197 .560 25 .664		.406 .406 .170 .559 122 .769
50						.177 .142 .092 .251 3 .296		.333 .338 .154 .495 122 .614		.329 .337 .155 .493 125 .612
45			.245 .175 .179 .374 20 .666		.485 .470 .206 .575 13 .919	.197 .139 .181 .249 8 .592	.249 .154 .172 .450 34 .606	.299 .284 .133 .449 117 .600		.293 .247 .165 .461 192 .639
40						.127 .110 .069 .185 90 .316		.191 .158 .118 .297 31 .490		.144 .116 .088 .208 121 .378
35			.078 .077 .025 .099 3 .108			.075 .071 .033 .106 17 .141				.076 .065 .032 .109 20 .141
30		.079 .069 .035 .111 7 130	.076 .077 .028 .094 16 .134			.103 .094 .049 .135 23 .223				.090 .062 .043 .126 46 .202
25										
20		.067 .054 .040 .108 12 .147			.042 1		.119 .119 .032 .147 14 .171			.093 .097 .044 .144 27 .189
15										
10		.130 .139 .021 .144 4 .148				.065 .057 .036 .077 67 .184				.069 .059 .039 .090 71 .184
5		.042 .033 .014 .053 3 .061								.042 .033 .014 .053 3 .061
0		.085 .061 .058 .103 7 .204								.085 .061 .058 .103 7 .204
5				.017 .017 0.000 .017 2 .017						.017 .017 0.000 .017 2 .017
10										
15							.060 1			.060 1
20										
25										
30										
35										
40			.335 .317 .162 .487 58 .696				.359 .310 .179 .507 3 .587			.336 .316 .163 .490 61 .695
45S				.265 .265 .118 .344 2 .377						.265 .265 .118 .344 2 .377

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 450

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.663 .207 21 .591 .772 1.208					.663 .207 21 .591 .772 1.208				
60	.515 .230 38 .483 .679 1.169						.515 .230 38 .483 .679 1.169			
55	.440 .180 121 .442 .611 .834						.404 .133 29 .428 .542 .601	.479 .171 67 .469 .624 .860	.379 .219 25 .311 .654 .720	
50	.367 .156 125 .368 .518 .696						.265 .090 3 .223 .337 .383		.370 .156 122 .369 .521 .698	
45	.318 .161 192 .270 .484 .699			.272 .162 20 .250 .415 .596		.510 .199 13 .503 .719 .832	.236 .146 8 .198 .379 .502	.256 .151 34 .179 .415 .622	.328 .140 117 .317 .481 .638	
40	.162 .100 122 .116 .244 .446						.144 .086 91 .120 .214 .385		.215 .119 31 .191 .333 .467	
35	.085 .033 20 .084 .118 .141			.112 .016 3 .118 .125 .129			.080 .033 17 .080 .116 .141			
30	.114 .098 46 .062 .155 .478		.092 .046 7 .081 .131 .163	.084 .032 16 .091 .105 .152			.141 .128 23 .104 .183 .535			
25										
20	.115 .057 27 .109 .179 .207		.078 .045 12 .055 .122 .166			.048 1		.152 .042 14 .160 .192 .210		
15										
10	.077 .038 71 .065 .100 .168		.139 .025 4 .148 .158 .162				.073 .035 67 .064 .091 .165			
5	.051 .011 3 .052 .061 .064		.051 .011 3 .052 .061 .064							
0	.107 .083 7 .090 .126 .279		.107 .083 7 .090 .126 .279							
5	.021 .001 2 .021 .021 .021				.021 .001 2 .021 .021 .021					
10										
15	.068 1							.068 1		
20										
25										
30										
35										
40	.369 .193 61 .347 .594 .804			.371 .197 58 .342 .598 .807				.325 .072 3 .347 .383 .398		
45S	.253 .072 2 .253 .301 .321				.253 .072 2 .253 .301 .321					

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.703 .213 21 .661 .881 1.147					.703 .213 21 .661 .881 1.147
60						.571 .207 38 .547 .741 .990				.571 .207 38 .547 .741 .990
55						.447 .114 29 .452 .560 .642	.550 .166 67 .536 .676 .935	.478 .225 25 .468 .723 .864		.510 .176 121 .501 .668 .910
50						.315 .068 3 .279 .368 .405		.425 .164 122 .429 .581 .725		.423 .163 125 .425 .581 .723
45			.314 .165 20 .302 .485 .603		.559 .256 13 .533 .736 1.076	.272 .191 8 .202 .440 .647	.315 .162 34 .276 .482 .686	.369 .142 117 .361 .514 .668		.362 .171 192 .314 .516 .737
40						.192 .095 91 .168 .280 .408		.231 .126 31 .203 .343 .544		.202 .105 122 .165 .283 .510
35			.127 .013 3 .128 .138 .142			.092 .038 17 .086 .130 .163				.098 .037 20 .093 .138 .162
30		.109 .057 7 .100 .152 .200	.103 .035 16 .099 .137 .177			.181 .187 23 .135 .208 .765				.143 .141 46 .076 .182 .749
25										
20		.106 .054 12 .096 .141 .218			.056 1		.162 .065 14 .145 .253 .258			.133 .067 27 .115 .220 .258
15										
10		.154 .025 4 .156 .175 .184				.086 .042 67 .077 .109 .203				.090 .044 71 .077 .116 .205
5		.100 .010 3 .099 .109 .112								.100 .010 3 .099 .109 .112
0		.133 .106 7 .085 .146 .355								.133 .106 7 .085 .146 .355
5				.024 .002 2 .024 .025 .026						.024 .002 2 .024 .025 .026
10										
15							.078 1			.078 1
20										
25										
30										
35										
40			.428 .205 58 .415 .667 .813				.340 .039 3 .349 .372 .382			.424 .201 61 .400 .666 .810
45S				.364 .210 2 .364 .506 .565						.364 .210 2 .364 .506 .565

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.880 .276 21 .774 1.065 1.514					.880 .276 21 .774 1.065 1.514
60						.697 .225 38 .671 .883 1.287				.697 .225 38 .671 .883 1.287
55						.547 .130 29 .558 .674 .817	.651 .168 67 .664 .785 1.000	.578 .239 25 .594 .826 .997		.611 .183 121 .599 .774 1.000
50						.342 .078 3 .335 .407 .437		.505 .188 122 .518 .665 .813		.501 .187 125 .516 .663 .812
45			.358 .167 20 .378 .522 .633		.620 .227 13 .648 .812 .980	.421 .295 8 .317 .783 .950	.395 .142 34 .387 .565 .626	.441 .145 117 .437 .595 .739		.435 .172 192 .392 .600 .851
40						.254 .116 91 .230 .369 .502		.260 .129 30 .239 .417 .531		.255 .120 121 .233 .395 .515
35			.145 .010 3 .148 .153 .156			.117 .058 17 .106 .152 .262				.122 .055 20 .113 .156 .258
30		.127 .068 7 .120 .172 .238	.137 .053 16 .118 .211 .237			.231 .182 23 .182 .290 .755				.183 .144 46 .106 .238 .580
25										
20		.129 .066 12 .123 .168 .267			.064 1		.189 .096 14 .157 .262 .406			.158 .089 27 .141 .240 .364
15										
10		.172 .021 4 .165 .191 .204				.104 .043 67 .094 .125 .249				.107 .045 71 .095 .137 .246
5		.102 .037 3 .124 .129 .132								.102 .037 3 .124 .129 .132
0		.140 .092 7 .107 .189 .327								.140 .092 7 .107 .189 .327
5				.028 .004 2 .028 .031 .032						.028 .004 2 .028 .031 .032
10										
15							.089 1			.089 1
20										
25										
30										
35										
40			.528 .283 58 .459 .727 1.257				.437 .026 3 .433 .459 .469			.523 .277 61 .458 .726 1.253
45S				.496 .328 2 .496 .718 .810						.496 .328 2 .496 .718 .810

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.018 .283 21 .948 1.331 1.552					1.018 .283 21 .948 1.331 1.552
60						.806 .201 38 .813 .966 1.259				.806 .201 38 .813 .966 1.259
55						.664 .139 29 .649 .796 .979	.816 .176 67 .833 .990 1.191	.699 .241 25 .753 .935 1.059		.755 .196 121 .763 .938 1.149
50						.435 .135 3 .514 .535 .544		.608 .201 122 .612 .784 .998		.604 .201 125 .607 .783 .996
45			.465 .172 20 .506 .646 .739		.806 .214 13 .759 1.011 1.183	.509 .193 8 .463 .653 .848	.544 .177 34 .536 .709 .890	.529 .166 117 .538 .672 .862		.543 .189 192 .505 .713 1.013
40						.337 .131 91 .305 .455 .629		.327 .171 30 .292 .489 .734		.335 .142 121 .302 .468 .678
35			.213 .013 3 .222 .223 .223			.157 .057 17 .157 .182 .292				.165 .057 20 .166 .221 .289
30		.148 .082 7 .139 .205 .278	.197 .107 16 .146 .305 .450			.291 .145 23 .244 .417 .631				.236 .137 46 .141 .357 .561
25										
20		.155 .078 12 .153 .201 .316			.078 1		.213 .082 14 .210 .334 .361			.182 .086 27 .162 .253 .356
15										
10		.192 .024 4 .192 .212 .225				.112 .045 67 .101 .125 .217				.116 .048 71 .105 .147 .225
5		.171 .102 3 .165 .256 .294								.171 .102 3 .165 .256 .294
0		.153 .084 7 .109 .253 .302								.153 .084 7 .109 .253 .302
5				.047 .006 2 .047 .051 .053						.047 .006 2 .047 .051 .053
10										
15							.099 1			.099 1
20										
25										
30										
35										
40			.628 .283 58 .552 .679 1.300				.553 .140 3 .468 .660 .739			.624 .279 61 .548 .869 1.292
45S				.636 .437 2 .636 .932 1.055						.636 .437 2 .636 .932 1.055

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.194 .301 21 1.246 1.454 1.718					1.194 .301 21 1.246 1.454 1.718
60						.998 .262 38 .938 1.170 1.610				.998 .262 38 .938 1.170 1.610
55						.825 .173 29 .835 .969 1.221	.990 .210 67 .993 1.178 1.405	.803 .206 25 .819 1.036 1.091		.912 .219 121 .914 1.103 1.356
50						.618 .113 3 .586 .711 .763		.717 .190 122 .735 .902 1.119		.715 .189 125 .730 .900 1.117
45			.622 .355 20 .588 .740 1.540		1.042 .232 13 1.068 1.230 1.441	.641 .260 8 .757 .796 .948	.673 .192 34 .677 .803 1.122	.650 .184 117 .650 .838 1.002		.677 .238 192 .600 .863 1.240
40						.447 .152 91 .406 .558 .819		.412 .178 30 .405 .613 .731		.438 .160 121 .406 .570 .783
35			.357 .045 3 .326 .390 .416			.263 .083 17 .247 .374 .423				.277 .085 20 .255 .385 .427
30		.170 .097 7 .159 .257 .319	.245 .122 16 .203 .317 .551			.431 .175 23 .395 .592 .813				.326 .183 46 .207 .502 .810
25										
20		.324 .233 12 .238 .474 .843			.223 1		.262 .082 14 .243 .310 .456			.288 .169 27 .239 .383 .801
15										
10		.215 .030 4 .219 .244 .248				.145 .048 67 .139 .164 .278				.149 .050 71 .146 .168 .283
5		.281 .187 3 .198 .431 .526								.281 .187 3 .198 .431 .526
0		.176 .087 7 .125 .274 .337								.176 .087 7 .125 .274 .337
5				.074 .015 2 .074 .083 .087						.074 .015 2 .074 .083 .087
10										
15							.117 1			.117 1
20										
25										
30										
35										
40			.797 .345 58 .746 1.164 1.492				.624 .026 3 .606 .643 .659			.788 .338 61 .707 1.144 1.488
45S				.773 .484 2 .773 1.102 1.238						.773 .484 2 .773 1.102 1.238

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.459 .312 21 1.539 1.815 1.963					1.459 .312 21 1.539 1.815 1.963
60						1.243 .246 38 1.180 1.403 1.879				1.243 .246 38 1.180 1.403 1.879
55						1.003 .170 29 .993 1.158 1.353	1.239 .217 67 1.254 1.419 1.650	.997 .222 25 .960 1.206 1.384		1.132 .239 121 1.128 1.357 1.631
50						.916 .091 3 .952 .987 1.002		.893 .186 122 .895 1.089 1.244		.894 .185 125 .895 1.069 1.241
45			.755 .335 20 .689 .908 1.613		1.160 .221 13 1.212 1.307 1.503	.870 .205 8 .964 1.053 1.078	.848 .208 34 .836 1.027 1.246	.824 .191 116 .802 1.007 1.243		.846 .234 191 .816 1.053 1.349
40						.681 .207 91 .643 .844 1.128		.553 .203 30 .503 .796 .860		.649 .213 121 .635 .829 1.058
35			.470 .118 3 .527 .561 .575			.444 .120 17 .413 .553 .717				.448 .120 20 .430 .565 .708
30		.201 .108 7 .175 .309 .363	.384 .183 16 .347 .459 .859			.552 .195 23 .504 .762 .952				.440 .220 46 .278 .668 .965
25										
20		.397 .179 12 .373 .546 .789			.421 1		.378 .162 14 .320 .492 .775			.388 .167 27 .369 .522 .850
15										
10		.333 .031 4 .332 .360 .375				.231 .068 67 .227 .267 .384				.236 .071 71 .231 .289 .384
5		.543 .377 3 .307 .829 1.044								.543 .377 3 .307 .829 1.044
0		.226 .114 7 .182 .259 .459								.226 .114 7 .182 .259 .459
5				.190 .009 2 .190 .196 .199						.190 .009 2 .190 .196 .199
10										
15							.321 1			.321 1
20										
25										
30										
35										
40			.987 .373 58 .891 1.424 1.758				.972 .223 3 1.024 1.155 1.208			.987 .367 61 .893 1.414 1.749
45S				.953 .324 2 .953 1.173 1.264						.953 .324 2 .953 1.173 1.264

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	MEAN
70N									
65					1.796 .368 21 1.904 2.093 2.453				1.796 .368 21 1.904 2.093 2.453
60						1.547 .237 38 1.495 1.691 2.195			1.547 .237 38 1.495 1.691 2.195
55						1.232 .173 29 1.259 1.408 1.573	1.496 .230 67 1.500 1.708 1.982	1.188 .232 25 1.222 1.379 1.640	1.369 .260 121 1.347 1.590 1.905
50						1.171 .118 3 1.237 1.260 1.270		1.096 .209 122 1.085 1.316 1.471	1.098 .208 125 1.089 1.314 1.471
45			.949 .305 20 .949 1.084 1.626		1.438 .245 13 1.499 1.604 1.821	1.159 .142 8 1.130 1.197 1.459	1.070 .260 34 1.025 1.348 1.592	1.008 .197 116 .981 1.226 1.424	1.048 .252 191 1.004 1.311 1.619
40						.887 .220 91 .841 1.062 1.380		.708 .216 30 .735 .966 1.087	.842 .232 121 .817 1.025 1.294
35			.620 .040 3 .623 .653 .665			.609 .138 17 .603 .737 .878			.611 .128 20 .574 .724 .876
30		.258 .121 7 .263 .362 .443	.598 .176 16 .566 .708 1.003			.683 .188 23 .652 .878 1.132			.589 .228 46 .416 .758 1.110
25									
20		.562 .206 12 .501 .746 .987			.621 1		.476 .114 14 .455 .618 .681		.519 .167 27 .490 .685 .913
15									
10		.495 .049 4 .475 .534 .572				.348 .077 67 .340 .407 .496			.356 .083 71 .349 .422 .550
5		.494 .385 3 .287 .794 1.003							.494 .385 3 .287 .794 1.003
0		.287 .150 7 .234 .322 .593							.287 .150 7 .234 .322 .593
5				.371 .026 2 .371 .388 .395					.371 .026 2 .371 .388 .395
10									
15							.531 1		.531 1
20									
25									
30									
35									
40			1.219 .375 58 1.175 1.635 1.977				1.252 .173 3 1.354 1.381 1.392		1.221 .368 61 1.178 1.565 1.974
45S				1.294 .323 2 1.294 1.514 1.604					1.294 .323 2 1.294 1.514 1.604

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

JULY
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.068 .332 21 2.112 2.342 2.722					2.068 .332 21 2.112 2.342 2.722
60						1.858 .265 38 1.777 2.004 2.501				1.858 .265 38 1.777 2.004 2.501
55						1.483 .173 29 1.527 1.644 1.742	1.794 .262 67 1.764 2.045 2.396	1.435 .239 25 1.419 1.660 1.876		1.645 .291 121 1.647 1.897 2.376
50						1.401 .131 3 1.450 1.506 1.529		1.320 .218 122 1.348 1.529 1.681		1.322 .217 125 1.349 1.532 1.679
45			1.183 .317 19 1.192 1.420 1.778		1.664 .236 13 1.660 1.920 2.025	1.474 .216 8 1.415 1.742 1.746	1.342 .239 34 1.296 1.576 1.873	1.220 .194 115 1.187 1.418 1.641		1.280 .254 189 1.246 1.541 1.856
40						1.154 .249 91 1.095 1.391 1.670		.898 .196 30 .875 1.123 1.244		1.090 .261 121 1.069 1.315 1.635
35			.919 .095 3 .856 .990 1.045			.812 .168 17 .818 .949 1.116				.828 .164 20 .819 .950 1.111
30		.377 .138 7 .352 .552 .586	.820 .202 16 .767 .970 1.236			.848 .263 23 .806 .910 1.547				.767 .281 46 .632 .916 1.496
25										
20		.758 .227 12 .706 .951 1.217			.821 1		.662 .127 14 .646 .756 .942			.711 .184 27 .691 .920 1.141
15										
10		.694 .111 4 .670 .779 .859				.471 .110 67 .444 .534 .808				.483 .122 71 .445 .561 .841
5		.562 .380 3 .329 .851 1.066								.562 .380 3 .329 .851 1.066
0		.406 .171 7 .369 .487 .741								.406 .171 7 .369 .487 .741
5				.587 .097 2 .587 .652 .679						.587 .097 2 .587 .652 .679
10										
15							.876 1			.876 1
20										
25										
30										
35										
40			1.470 .381 58 1.407 1.802 2.253				1.528 .217 3 1.579 1.705 1.757			1.473 .375 61 1.409 1.782 2.252
45S				1.636 .323 2 1.636 1.855 1.945						1.636 .323 2 1.636 1.855 1.945

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 190

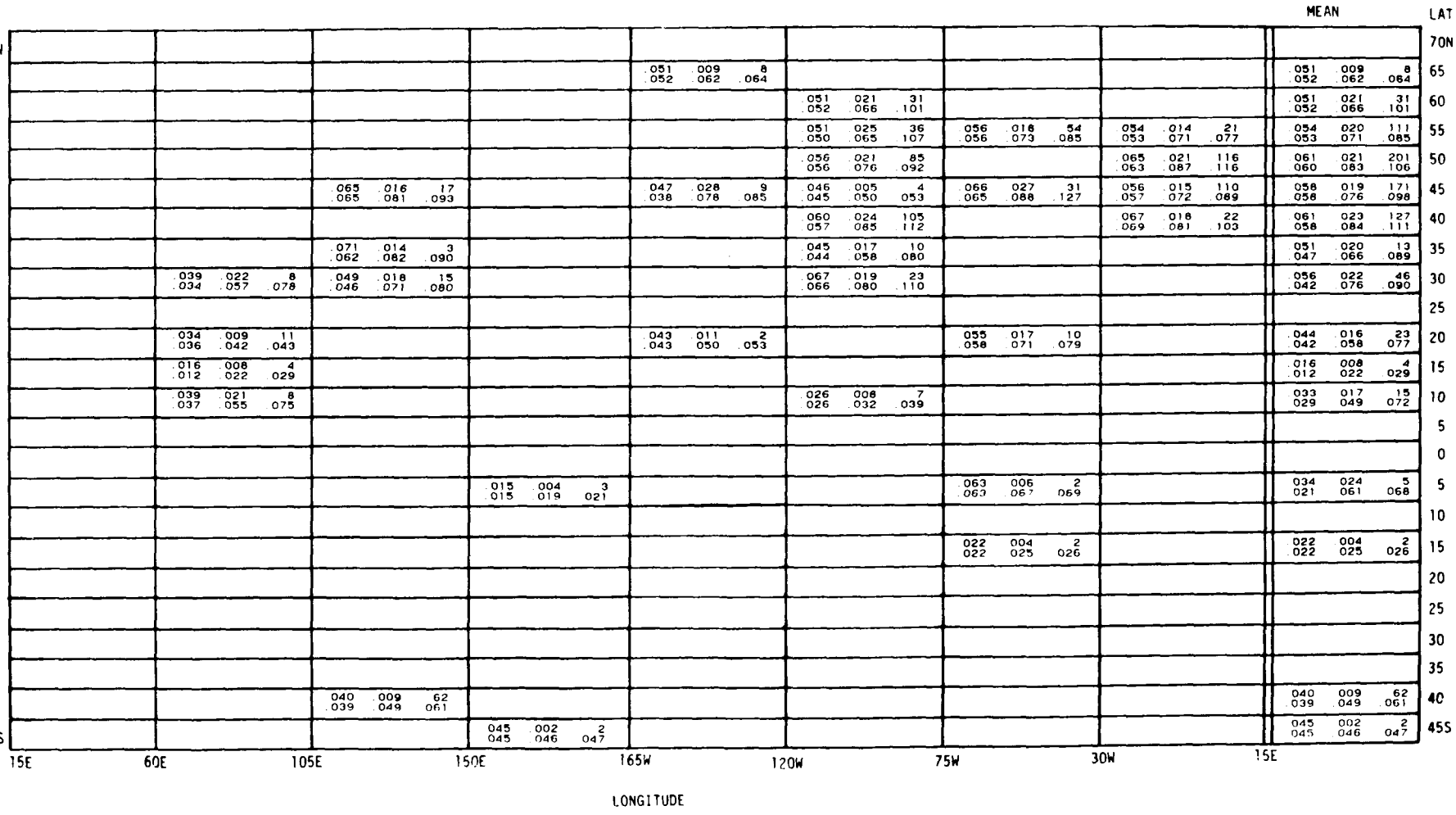
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.043 .042 .012 .057 8 .062					.043 .042 .012 .057 8 .062
60						.047 .050 .016 .063 31 .073				.047 .050 .016 .063 31 .073
55						.053 .048 .027 .089 36 .111	.052 .051 .017 .066 54 .096	.052 .053 .014 .068 21 .074		.053 .051 .020 .069 111 .099
50						.055 .055 .019 .073 84 .092		.061 .059 .019 .079 116 .099		.059 .053 .019 .075 200 .097
45			.067 .066 .017 .082 17 .095		.046 .039 .030 .076 9 .100	.045 .045 .009 .052 4 .057	.067 .064 .022 .093 31 .104	.055 .056 .014 .069 110 .085		.058 .058 .018 .076 171 .097
40						.056 .054 .021 .078 105 .102		.065 .063 .018 .081 22 .100		.058 .056 .021 .078 127 .102
35			.064 .064 .009 .071 3 .074			.042 .037 .016 .051 10 .078				.047 .039 .017 .065 13 .082
30		.037 .032 .022 .053 8 .075	.047 .041 .021 .074 15 .087			.062 .061 .018 .077 23 .101				.053 .039 .022 .077 46 .094
25										
20		.035 .037 .008 .042 11 .045			.043 .043 .016 .053 2 .057		.054 .060 .014 .063 10 .072			.044 .042 .015 .060 23 .070
15		.017 .014 .008 .024 4 .029								.017 .014 .008 .024 4 .029
10		.036 .031 .019 .053 8 .068				.026 .024 .010 .033 7 .043				.032 .024 .016 .048 15 .066
5										
0										
5				.022 .023 .005 .026 3 .028			.057 .057 .002 .058 2 .059			.036 .028 .018 .056 5 .059
10										
15							.017 .017 .002 .018 2 .018			.017 .017 .002 .018 2 .018
20										
25										
30										
35										
40			.039 .038 .009 .047 63 .059							.039 .038 .009 .047 63 .059
45S				.044 .044 .002 .045 2 .046						.044 .044 .002 .045 2 .046

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 210



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 230

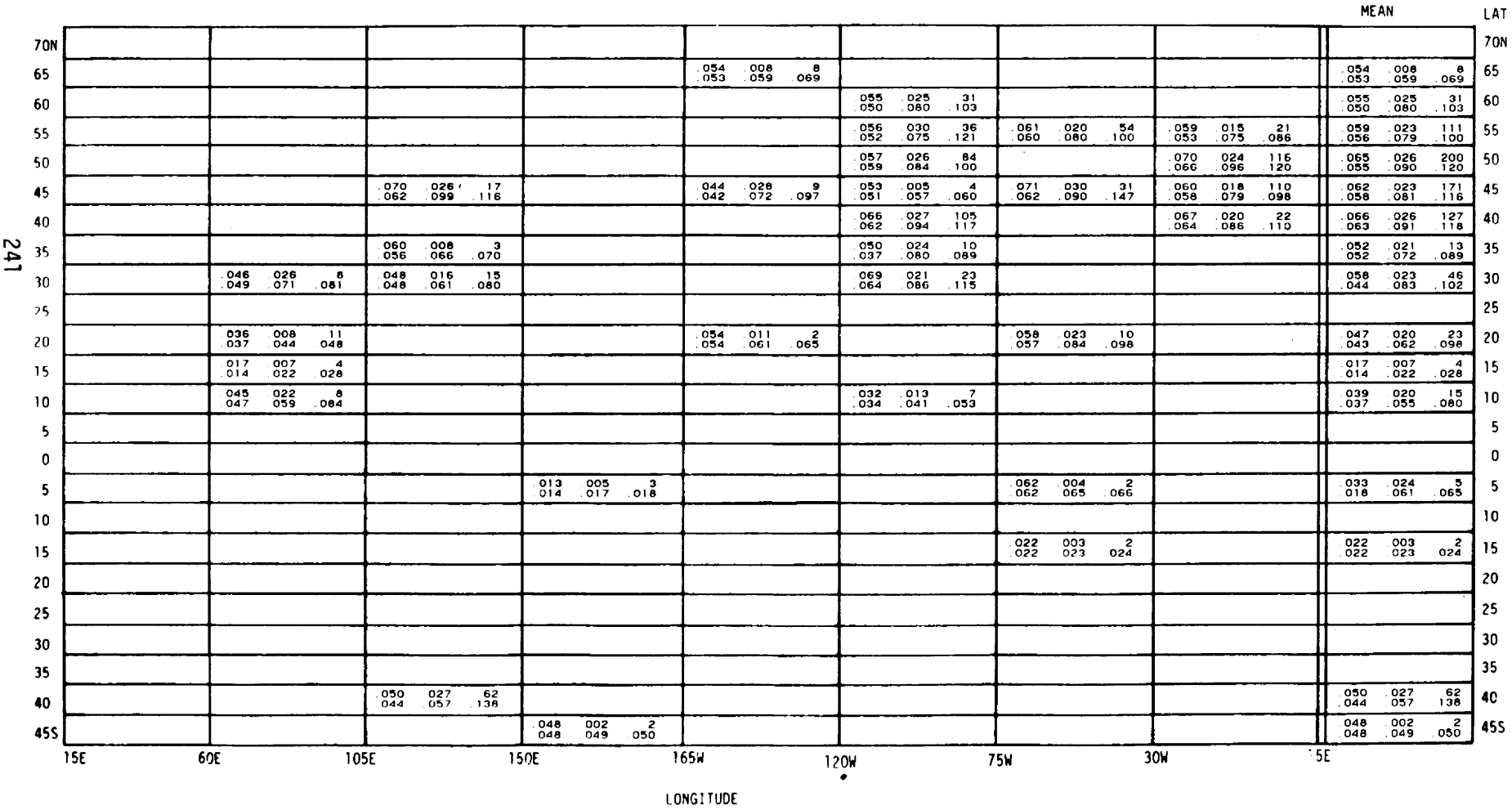
LAT	MEAN			15E	60E	105E	150E	165W	120W	75W	30W	15E
70N												
65	.052	.012	8					.052 .048	.012 .066	8 .073		
60	.053	.022	31						.053 .050	.022 .074	31 .092	
55	.056	.022	111						.053 .054	.027 .068	36 .106	.059 .056	.020 .079	54 .104	.057 .054	.014 .073	21 .082
50	.063	.024	201						.056 .057	.024 .078	85 .097				.068 .066	.022 .090	116 .122
45	.058	.020	171			.065 .067	.017 .085	17 .093		.038 .050	.018 .054	9 .058	.049 .051	.017 .063	4 .070	.063 .062	.023 .083	31 .115	.058 .057	.018 .075	110 .100
40	.063	.025	127										.062 .060	.025 .090	105 .113				.065 .063	.020 .083	22 .106
35	.055	.024	13			.075 .060	.024 .093	3 .106					.049 .041	.021 .065	10 .097						
30	.057	.023	46		.042 .045	.023 .060	8 .079	.049 .046	.016 .066	15 .079			.068 .070	.021 .081	23 .118						
25																					
20	.044	.016	23		.035 .039	.008 .042	11 .045					.043 .043	.005 .046	2 .048				.055 .058	.019 .066	10 .087			
15	.017	.008	4		.017 .013	.008 .022	4 .029														
10	.036	.018	15		.043 .043	.021 .057	8 .080						.028 .025	.011 .035	7 .045						
5																					
0																					
5	.032	.023	5								.014 .014	.004 .017	3 .019					.061 .061	.005 .064	2 .065			
10																					
15	.022	.001	2															.022 .022	.001 .023	2 .023			
20																					
25																					
30																					
35																					
40	.043	.013	62					.043 .041	.013 .055	62 .073											
45S	.047	.001	2								.047 .047	.001 .048	2 .048								

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 250



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 270

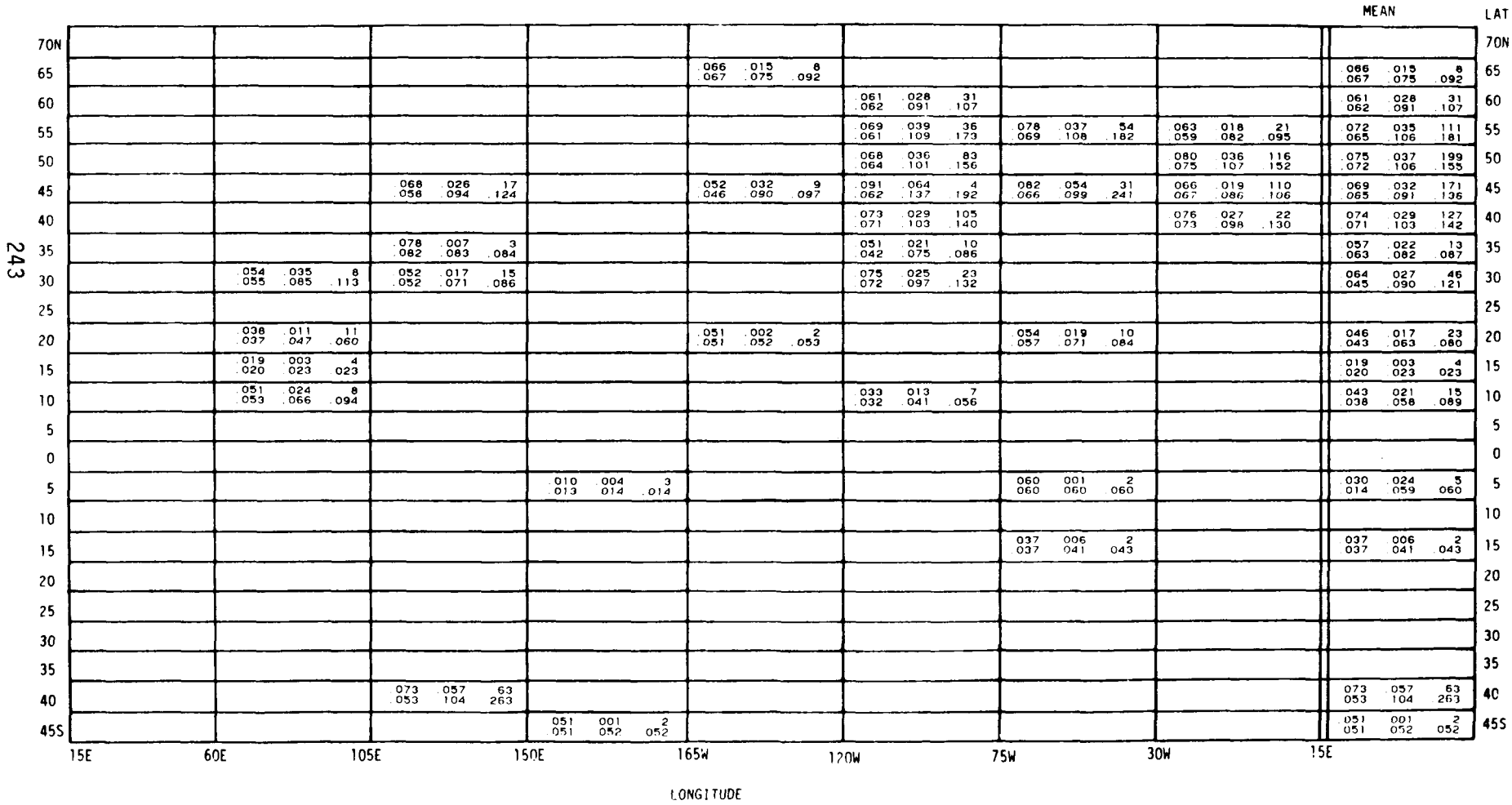
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.058 .057 .015 .077 8 .082					.058 .057 .015 .077 8 .082
60						.057 .057 .026 .083 31 .101				.057 .057 .026 .083 31 .101
55						.060 .055 .030 .082 36 .139	.067 .066 .023 .089 54 .113	.061 .058 .016 .078 21 .090		.064 .061 .025 .085 111 .114
50						.061 .061 .029 .094 83 .117		.073 .070 .026 .101 116 .125		.068 .066 .028 .096 199 .121
45			.069 .066 .028 .089 17 .125		.049 .044 .027 .079 9 .096	.057 .057 .015 .069 4 .077	.069 .065 .027 .096 31 .138	.063 .061 .018 .083 110 .099		.064 .060 .022 .085 171 .117
40						.072 .067 .029 .102 105 .132		.071 .069 .024 .093 22 .117		.072 .068 .028 .098 127 .132
35			.065 .063 .009 .073 3 .076			.051 .047 .021 .070 10 .089				.054 .055 .020 .075 13 .088
30		.050 .051 .030 .082 8 .093	.049 .050 .015 .060 15 .081			.073 .073 .023 .088 23 .131				.061 .045 .025 .084 46 .112
25										
20		.037 .039 .010 .045 11 .054			.060 .060 .012 .067 2 .071		.055 .052 .020 .062 10 .100			.047 .048 .018 .056 23 .092
15		.018 .015 .005 .021 4 .025								.018 .015 .005 .021 4 .025
10		.048 .050 .023 .062 8 .089				.033 .025 .016 .044 7 .062				.041 .037 .021 .061 15 .085
5										
0										
5				.012 .014 .005 .015 3 .016			.063 .063 .004 .066 2 .067			.032 .016 .026 .062 5 .066
10										
15							.030 .030 .002 .031 2 .031			.030 .030 .002 .031 2 .031
20										
25										
30										
35										
40			.057 .049 .034 .067 62 .151							.057 .049 .034 .067 62 .151
45S				.049 .049 .002 .050 2 .051						.049 .049 .002 .050 2 .051

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 290



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 310

LAT	MEAN	15E	30W	75W	120W	165W	150E	105E	60E	15E
70N										
65	.093 .033 8 .094 .115 .144					.093 .033 8 .094 .115 .144				
60	.075 .057 31 .064 .105 .230				.075 .057 31 .064 .105 .230					
55	.096 .074 111 .072 .140 .329		.080 .044 21 .070 .091 .197	.117 .091 54 .084 .162 .382	.075 .046 36 .065 .111 .184					
50	.083 .046 199 .077 .118 .194		.087 .043 116 .080 .118 .190		.076 .048 83 .071 .119 .199					
45	.074 .033 171 .071 .097 .142		.071 .023 110 .072 .094 .124	.079 .031 31 .075 .096 .159	.144 .112 4 .106 .236 .317	.058 .034 9 .059 .081 .125		.070 .027 17 .059 .105 .124		
40	.077 .030 127 .073 .106 .148		.083 .032 22 .085 .110 .141		.076 .029 105 .072 .104 .143					
35	.062 .021 13 .064 .076 .106				.059 .023 10 .058 .076 .107			.073 .001 3 .073 .074 .075		
30	.067 .033 46 .048 .096 .144				.080 .031 23 .081 .101 .149			.053 .019 15 .043 .080 .090	.058 .041 8 .057 .088 .133	
25										
20	.046 .016 23 .041 .063 .074			.051 .018 10 .057 .066 .076		.053 .014 2 .053 .062 .065			.040 .012 11 .038 .047 .065	
15	.024 .005 4 .025 .029 .029								.024 .005 4 .025 .029 .029	
10	.043 .023 15 .039 .060 .094				.031 .012 7 .035 .039 .047				.054 .025 8 .056 .071 .099	
5										
0										
5	.028 .023 5 .013 .056 .059			.057 .004 2 .057 .059 .060			.010 .004 3 .012 .013 .013			
10										
15	.035 .002 2 .035 .036 .037			.035 .002 2 .035 .036 .037						
20										
25										
30										
35										
40	.095 .075 63 .066 .137 .327							.095 .075 63 .066 .137 .327		
45S	.050 .001 2 .050 .050 .050						.050 .001 2 .050 .050 .050			

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.131 .069 8 .116 .213 .238					.131 .069 8 .116 .213 .238
60						.098 .073 31 .074 .162 .299				.098 .073 31 .074 .162 .299
55						.085 .060 36 .065 .131 .244	.153 .118 54 .109 .285 .459	.111 .074 21 .084 .131 .312		.123 .100 111 .085 .224 .390
50						.092 .069 83 .075 .156 .289		.101 .054 116 .090 .155 .228		.097 .061 199 .085 .156 .253
45			.069 .027 17 .064 .087 .135		.087 .078 9 .049 .175 .236	.189 .146 4 .152 .321 .401	.086 .036 31 .079 .112 .170	.080 .036 110 .076 .101 .173		.083 .048 171 .075 .107 .236
40						.078 .033 105 .075 .103 .155		.088 .041 22 .080 .116 .187		.080 .035 127 .076 .108 .162
35			.072 .004 3 .070 .075 .078			.059 .027 10 .054 .076 .116				.062 .025 13 .065 .078 .114
30		.063 .047 8 .059 .090 .154	.053 .017 15 .044 .074 .087			.082 .031 23 .082 .102 .157				.069 .034 46 .047 .092 .166
25										
20		.043 .013 11 .043 .051 .069			.066 .022 2 .066 .080 .086		.053 .019 10 .052 .073 .081			.049 .018 23 .044 .069 .085
15		.031 .009 4 .029 .039 .043								.031 .009 4 .029 .039 .043
10		.057 .026 8 .060 .074 .104				.030 .013 7 .033 .041 .047				.045 .025 15 .041 .062 .099
5										
0										
5				.010 .004 3 .012 .013 .013			.054 .008 2 .054 .059 .062			.028 .022 5 .013 .052 .061
10										
15							.033 .002 2 .033 .034 .034			.033 .002 2 .033 .034 .034
20										
25										
30										
35										
40			.130 .096 62 .100 .217 .337							.130 .096 62 .098 .217 .337
45S				.097 .052 2 .097 .132 .146						.097 .052 2 .097 .132 .146

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.199 .111 8 .212 .328 .337					.199 .111 8 .212 .328 .337
60						.150 .103 31 .098 .268 .385				.150 .103 31 .098 .268 .385
55						.121 .104 36 .093 .182 .387	.196 .142 54 .153 .373 .460	.144 .102 21 .105 .198 .411		.162 .128 111 .109 .336 .460
50						.117 .098 84 .086 .223 .392		.130 .074 116 .104 .205 .295		.124 .085 200 .089 .212 .323
45			.068 .020 17 .067 .088 .112		.122 .104 9 .103 .184 .337	.204 .140 4 .187 .343 .376	.104 .062 31 .083 .158 .266	.099 .050 110 .091 .134 .222		.101 .061 171 .088 .141 .320
40						.087 .052 105 .078 .112 .170		.092 .051 22 .087 .117 .229		.088 .052 127 .078 .113 .206
35			.082 .005 3 .082 .086 .088			.071 .037 10 .065 .105 .146				.073 .033 13 .068 .091 .145
30		.068 .054 8 .064 .092 .175	.051 .015 15 .049 .062 .084			.080 .032 23 .079 .099 .160				.069 .035 46 .044 .093 .183
25										
20		.046 .014 11 .046 .057 .074			.075 .026 2 .075 .093 100		.050 .019 10 .048 .066 .086			.050 .020 23 .046 .066 .096
15		.033 .008 4 .033 .041 .045								.033 .008 4 .033 .041 .045
10		.062 .026 8 .064 .079 .109				.030 .009 7 .032 .040 .042				.047 .026 15 .040 .067 .104
5										
0										
5				.011 .003 3 .011 .013 .014			.059 .004 2 .059 .061 .062			.030 .024 5 .014 .058 .061
10										
15							.036 .011 2 .036 .043 .047			.036 .011 2 .036 .043 .047
20										
25										
30										
35										
40			.184 .106 63 .190 .300 .406							.184 .106 63 .190 .300 .406
45S				.167 .108 2 .167 .240 .271						.167 .108 2 .167 .240 .271

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 370

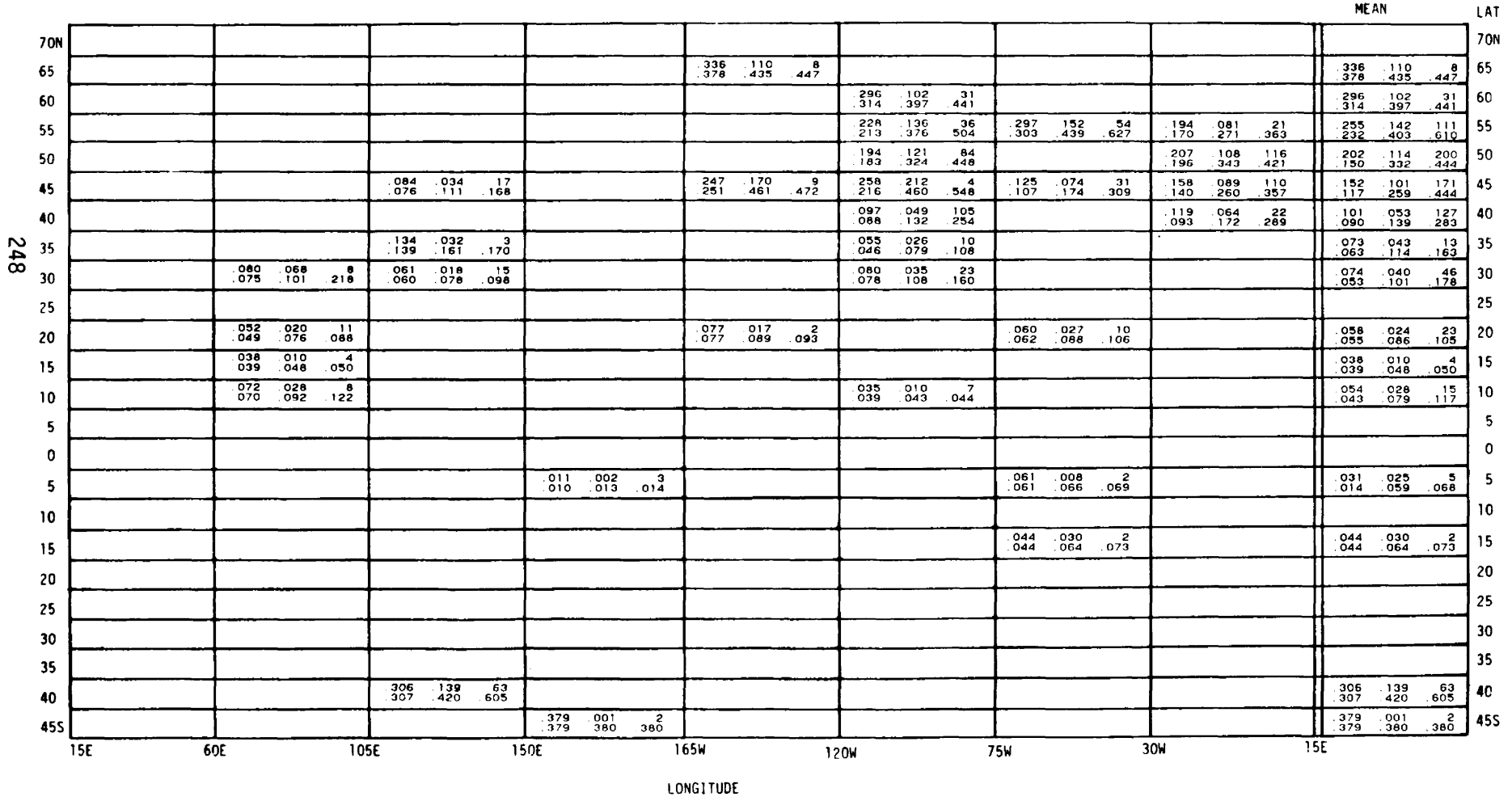
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.256 .134 8 .304 .398 .407					.256 .134 8 .304 .398 .407
60						.223 .121 31 .228 .339 .477				.223 .121 31 .228 .339 .477
55						.169 .136 36 .116 .319 .450	.248 .151 54 .238 .411 .544	.169 .109 21 .127 .308 .400		.207 .144 111 .163 .380 .531
50						.155 .117 85 .122 .301 .412		.167 .098 116 .140 .268 .394		.162 .107 201 .136 .286 .406
45			.072 .021 17 .074 .099 .109		.183 .140 9 .156 .364 .398	.243 .177 4 .239 .420 .427	.117 .066 31 .095 .173 .283	.127 .069 110 .111 .197 .290		.125 .080 171 .101 .199 .393
40						.091 .057 105 .082 .121 .194		.109 .058 22 .087 .149 .261		.094 .058 127 .083 .128 .230
35			.101 .012 3 .103 .110 .114			.052 .019 10 .049 .071 .087				.063 .027 13 .052 .090 .111
30		.074 .061 8 .072 .096 .196	.056 .016 15 .054 .068 .090			.083 .035 23 .082 .106 .166				.072 .038 46 .049 .097 .194
25										
20		.049 .017 11 .048 .065 .081			.078 .023 2 .078 .093 .099		.052 .025 10 .044 .081 .097			.053 .023 23 .048 .077 .099
15		.036 .009 4 .036 .044 .046								.036 .009 4 .036 .044 .046
10		.067 .026 8 .067 .085 .114				.031 .008 7 .032 .039 .041				.050 .027 15 .039 .072 .109
5										
0										
5				.011 .002 3 .010 .013 .014			.061 .003 2 .061 .062 .063			.031 .025 5 .014 .060 .063
10										
15							.041 .022 2 .041 .055 .061			.041 .022 2 .041 .055 .061
20										
25										
30										
35										
40			.250 .118 63 .255 .366 .474							.250 .118 63 .255 .366 .474
45S				.311 .092 2 .311 .374 .399						.311 .092 2 .311 .374 .399

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 390



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.400 .400	.155 .514	8 .655			.400 .400	.155 .514	8 .655	65
60						.361 .371	.106 .459	31 .503		.361 .371	.106 .459	31 .503	60
55						.274 .236	.161 .412	36 .619	.353 .372	.135 .475	54 .626	.261 .269	.086 .348	21 .393	.310 .303	.143 .450	111 .613	55
50						.224 .227	.128 .350	86 .457			.245 .240	.109 .366	116 .451	.236 .187	.118 .360	202 .456	50
45			.095 .087	.032 .117	17 .171		.278 .252	.204 .522	9 .595	.264 .159	.228 .439	4 .624	.144 .115	.084 .214	31 .387	.192 .188	.096 .288	110 .392	.180 .148	.112 .269	171 .444	45
40						.113 .099	.058 .148	105 .295			.127 .096	.075 .185	22 .301	.115 .098	.062 .156	127 .303	40
35			.162 .158	.049 .203	3 .221			.064 .057	.031 .090	10 .128				.087 .066	.055 .137	13 .208	35
30		.085 .078	.075 .110	8 .240	.068 .065	.021 .085	15 .109			.095 .089	.045 .121	23 .207				.084 .057	.048 .113	46 .239	30
25																						25
20		.057 .050	.023 .091	11 .093				.061 .061	.001 .062	2 .062			.068 .074	.031 .101	10 .112			.062 .059	.027 .093	23 .109	20
15		.071 .051	.052 .110	4 .153														.071 .051	.052 .110	4 .153	15
10		.078 .075	.031 .100	8 .133							.035 .038	.008 .041	7 .043					.058 .041	.031 .085	15 .128	10
5																						5
0																						0
5						.012 .013	.003 .014	3 .014					.062 .062	.004 .065	2 .066			.032 .014	.025 .061	5 .065	5
10																						10
15													.043 .043	.029 .063	2 .071			.043 .043	.029 .063	2 .071	15
20																						20
25																						25
30																						30
35																						35
40				.329 .341	.152 .501	63 .612												.329 .341	.152 .501	63 .612	40
45S						.390 .390	.018 .402	2 .407										.390 .390	.018 .402	2 .407	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.499 .497 .205 .565 8 895					.499 .497 .205 .565 8 895
60						.403 .419 .113 .493 31 588				.403 .419 .113 .493 31 588
55						.312 .276 .179 .447 36 714	.397 .415 .152 .527 53 652	.305 .315 .093 .376 21 478		.352 .275 .159 .491 110 648
50						.264 .268 .140 .393 85 548		.270 .264 .112 .385 116 477		.267 .266 .125 .392 201 509
45			.105 .099 .031 .131 17 165		.314 .317 .217 .555 9 673	.289 .233 .181 .450 4 559	.203 .178 .115 .283 31 512	.227 .222 .102 .336 110 453		.216 .195 .120 .325 171 513
40						.126 .112 .069 .158 105 342		.138 .118 .086 .190 22 335		.128 .114 .072 .169 127 360
35			.163 .144 .048 .201 3 225			.074 .072 .028 .101 10 122				.095 .088 .050 .127 13 208
30		.089 .074 .083 .120 8 263	.073 .069 .024 .098 15 120			.108 .094 .060 .135 23 269				.093 .062 .058 .124 46 288
25										
20		.063 .057 .027 .100 11 106			.060 .060 .005 .063 2 064		.080 .085 .034 .115 10 129			.070 .063 .031 .105 23 125
15		.125 .054 .139 .220 4 347								.125 .054 .139 .220 4 347
10		.087 .087 .035 .113 8 145				.037 .043 .009 .044 7 048				.063 .044 .036 .104 15 140
5										
0										
5				.012 .013 .004 .016 3 017			.064 .064 .002 .065 2 066			.033 .017 .026 .063 5 066
10										
15							.042 .042 .029 .061 2 069			.042 .042 .029 .061 2 069
20										
25										
30										
35										
40			.359 .315 .214 .575 63 753							.359 .315 .214 .575 63 753
45S				.592 .592 .229 .747 2 811						.592 .592 .229 .747 2 811

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.555 .146 8 .557 .627 .800					.555 .146 8 .557 .627 .800
60						.454 .122 31 .463 .555 .667				.454 .122 31 .463 .555 .667
55						.354 .160 36 .310 .468 .713	.446 .177 53 .459 .567 .743	.357 .098 21 .352 .449 .529		.399 .165 110 .280 .545 .728
50						.303 .153 85 .299 .452 .563		.312 .129 116 .310 .444 .551		.308 .140 201 .302 .444 .558
45			.125 .033 17 .118 .156 .191		.341 .214 9 .334 .599 .687	.330 .170 4 .277 .461 .592	.265 .137 31 .228 .392 .605	.263 .114 110 .262 .380 .497		.255 .131 171 .247 .380 .593
40						.145 .077 105 .131 .182 .426		.160 .102 22 .145 .278 .375		.147 .082 127 .132 .194 .426
35			.143 .025 3 .126 .162 .177			.085 .028 10 .081 .106 .144				.098 .037 13 .087 .128 .172
30		.097 .088 8 .073 .132 .286	.081 .029 15 .076 .110 .135			.122 .074 23 .110 .140 .330				.104 .069 46 .061 .136 .317
25										
20		.071 .033 11 .070 .108 .129			.067 .004 2 .067 .070 .071		.096 .026 10 .103 .114 .135			.082 .031 23 .074 .114 .136
15		.166 .207 4 .057 .304 .496								.166 .207 4 .057 .304 .496
10		.101 .041 8 .110 .135 .158				.038 .009 7 .040 .043 .049				.071 .044 15 .048 .128 .154
5										
0										
5				.013 .005 3 .015 .018 .019			.065 .006 2 .065 .068 .070			.034 .026 5 .019 .063 .069
10										
15							.071 .050 2 .071 .104 .118			.071 .050 2 .071 .104 .118
20										
25										
30										
35										
40			.390 .229 63 .337 .604 .828							.390 .229 63 .337 .604 .828
45S				.657 .032 2 .657 .678 .687						.657 .032 2 .657 .678 .687

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.671 .184 8 .672 .876 .894					.671 .184 8 .672 .876 .894
60						.556 .155 31 .558 .671 .886				.556 .155 31 .558 .671 .886
55						.411 .165 36 .406 .540 .768	.545 .213 53 .549 .671 .969	.434 .099 21 .419 .500 .663		.480 .191 110 .369 .634 .938
50						.355 .155 85 .323 .503 .643		.366 .130 116 .363 .505 .601		.361 .141 201 .352 .505 .634
45			.164 .058 17 .150 .189 .318		.448 .236 9 .436 .609 .850	.384 .206 4 .320 .542 .700	.292 .147 31 .243 .427 .644	.319 .124 110 .306 .463 .554		.307 .146 171 .289 .459 .645
40						.185 .081 105 .169 .247 .401		.189 .103 22 .173 .263 .409		.186 .085 127 .169 .250 .410
35			.147 .042 3 .160 .180 .189			.108 .036 10 .099 .148 .172				.117 .041 13 .105 .170 .186
30		.112 .093 8 .077 .157 .310	.097 .034 15 .089 .135 .166			.149 .077 23 .154 .200 .340				.126 .074 46 .075 .169 .342
25										
20		.097 .048 11 .080 .140 .193			.090 .007 2 .090 .095 .097		.095 .029 10 .094 .132 .134			.095 .038 23 .093 .132 .181
15		.195 .244 4 .066 .357 .584								.195 .244 4 .066 .357 .584
10		.116 .049 8 .128 .163 .172				.057 .025 7 .045 .081 .101				.088 .050 15 .076 .159 .171
5										
0										
5				.017 .007 3 .019 .023 .025			.057 .005 2 .057 .060 .061			.033 .020 5 .025 .055 .060
10										
15							.097 .030 2 .097 .117 .125			.097 .030 2 .097 .117 .125
20										
25										
30										
35										
40			.448 .200 63 .411 .667 .847							.448 .200 63 .411 .667 .847
45S				.607 .101 2 .607 .676 .704						.607 .101 2 .607 .676 .704

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.904 .165 8 .909 1.026 1.176					.904 .165 8 .909 1.026 1.176
60						.683 .181 31 .642 .857 1.102				.683 .181 31 .642 .857 1.102
55						.485 .160 36 .459 .629 .833	.644 .218 53 .627 .801 1.199	.538 .108 21 .551 .634 .719		.572 .197 110 .462 .726 .973
50						.434 .166 85 .430 .597 .756		.438 .140 116 .421 .577 .733		.437 .152 201 .422 .581 .748
45			.209 .066 17 .205 .267 .360		.547 .253 9 .474 .831 .861	.619 .223 4 .726 .767 .785	.352 .124 31 .330 .471 .616	.388 .125 110 .395 .510 .658		.377 .154 171 .365 .510 .764
40						.239 .092 105 .217 .329 .459		.247 .123 22 .248 .359 .499		.240 .098 127 .218 .341 .478
35			.157 .055 3 .187 .199 .203			.135 .055 10 .120 .199 .233				.140 .056 13 .120 .206 .233
30		.126 .101 8 .087 .183 .335	.119 .041 15 .110 .168 .198			.179 .079 23 .151 .229 .361				.150 .079 46 .099 .202 .361
25										
20		.122 .067 11 .118 .188 .257			.134 .010 2 .134 .141 .144		.105 .041 10 .104 .131 .185			.116 .055 23 .111 .165 .239
15		.220 .271 4 .075 .397 .653								.220 .271 4 .075 .397 .653
10		.135 .058 8 .140 .197 .207				.071 .029 7 .068 .091 .120				.105 .056 15 .087 .180 .205
5										
0										
5				.023 .012 3 .019 .033 .039			.084 .006 2 .084 .088 .090			.048 .031 5 .040 .082 .089
10										
15							.121 .016 2 .121 .132 .136			.121 .016 2 .121 .132 .136
20										
25										
30										
35										
40			.497 .214 63 .443 .773 .939							.497 .214 63 .443 .773 .939
45S				.582 .146 2 .582 .681 .722						.582 .146 2 .582 .681 .722

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 510

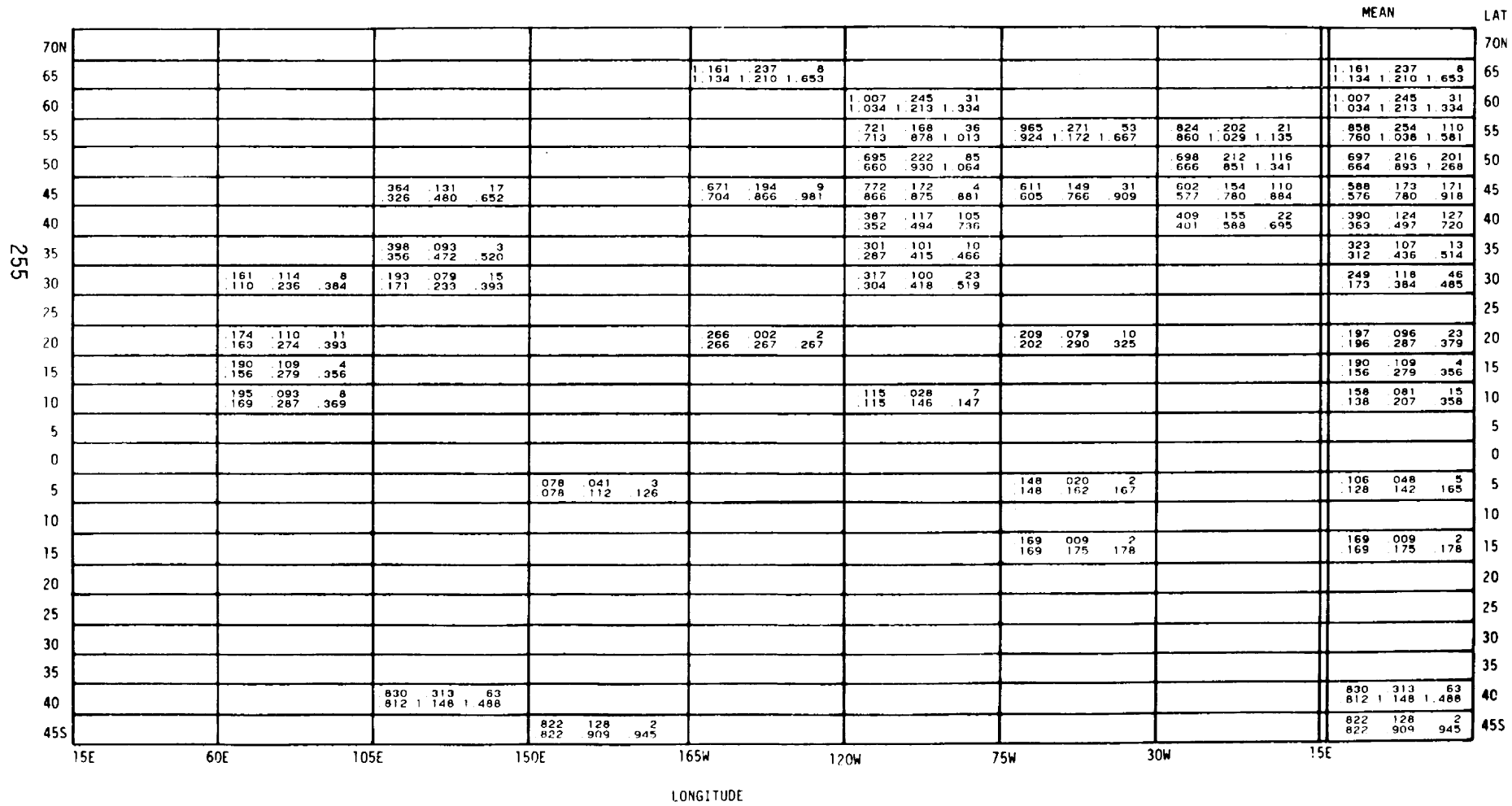
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.968 .227 8 1.016 1.108 1.334					.968 .227 8 1.016 1.108 1.334	65
60						.832 .206 31 .811 1.035 1.246				.832 .206 31 .811 1.035 1.246	60
55						.597 .144 36 .604 .754 .875	.773 .223 53 .747 .959 1.300	.689 .155 21 .658 .855 .974		.699 .203 110 .563 .869 1.262	55
50						.541 .176 85 .523 .714 .890		.556 .178 116 .536 .680 1.073		.549 .177 201 .534 .697 .985	50
45			.296 .117 17 .258 .414 .540		.641 .236 9 .638 .919 .992	.707 .211 4 .769 .893 .907	.455 .124 31 .440 .577 .712	.484 .135 110 .479 .629 .780		.474 .161 171 .452 .636 .869	45
40						.306 .102 105 .267 .390 .624		.302 .125 22 .293 .412 .553		.305 .106 127 .287 .392 .598	40
35			.206 .071 3 .252 .257 .260			.177 .061 10 .154 .251 .288				.184 .065 13 .154 .262 .288	35
30		.141 .109 8 .098 .209 .359	.145 .048 15 .128 .205 .232			.221 .101 23 .191 .286 .500				.182 .097 46 .124 .240 .487	30
25											25
20		.149 .087 11 .130 .231 .324			.178 .027 2 .178 .196 .204		.126 .048 10 .133 .151 .211			.142 .070 23 .136 .214 .300	20
15		.153 .135 4 .083 .243 .369								.153 .135 4 .083 .243 .369	15
10		.157 .071 8 .152 .246 .255				.078 .017 7 .081 .095 .099				.120 .066 15 .095 .193 .254	10
5											5
0											0
5				.049 .026 3 .045 .071 .081			.116 .013 2 .116 .125 .128			.076 .039 5 .083 .112 .127	5
10											10
15							.145 .003 2 .145 .147 .148			.145 .003 2 .145 .147 .148	15
20											20
25											25
30											30
35											35
40			.633 .254 63 .618 .891 1.241							.633 .254 63 .618 .891 1.241	40
45S				.763 .198 2 .763 .897 .952						.763 .198 2 .763 .897 .952	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 530



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 550

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W
70N									
65	1.440 .318 8 1.309 1.769 1.979					1.440 .318 8 1.309 1.769 1.979			
60	1.278 .253 31 1.322 1.476 1.618						1.278 .253 31 1.322 1.476 1.618		
55	1.094 .283 110 .922 1.307 1.812						.948 .208 36 .922 1.143 1.337	1.217 .299 53 1.173 1.350 1.975	1.037 .202 21 1.023 1.196 1.429
50	.894 .231 200 .825 1.126 1.346						.904 .250 84 .898 1.146 1.329		.887 .216 116 .871 1.064 1.386
45	.747 .197 170 .718 .959 1.171			.482 .121 17 .449 .585 .768		.875 .262 9 .872 1.136 1.289	.973 .182 4 1.008 1.138 1.169	.773 .193 31 .717 .984 1.218	.761 .162 109 .750 .949 1.105
40	.564 .152 127 .536 .708 .965						.561 .147 105 .543 .681 1.062		.577 .174 22 .516 .801 .834
35	.457 .113 13 .474 .569 .588			.526 .058 3 .565 .568 .569			.437 .118 10 .451 .562 .590		
30	.360 .145 46 .282 .512 .660		.222 .108 8 .162 .326 .418	.286 .109 15 .239 .333 .562			.457 .103 23 .445 .538 .692		
25									
20	.298 .122 23 .293 .424 .524		.277 .153 11 .227 .441 .543			.440 .029 2 .440 .460 .468		.293 .063 10 .290 .348 .401	
15	.279 .146 4 .265 .417 .474		.279 .146 4 .265 .417 .474						
10	.233 .085 15 .195 .295 .421		.277 .090 8 .271 .377 .427				.183 .040 7 .177 .231 .242		
5									
0									
5	.203 .028 5 .191 .233 .236				.205 .019 3 .191 .219 .230			.200 .036 2 .200 .224 .235	
10									
15	.246 .025 2 .246 .262 .269							.246 .025 2 .246 .262 .269	
20									
25									
30									
35									
40	.006 .341 63 .029 1.366 1.603			.006 .341 63 .029 1.366 1.603					
45S	.040 .141 2 .040 1.135 1.174				.040 .141 2 .040 1.135 1.174				

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.927 .379 8 1.883 2.346 2.374					1.927 .379 8 1.883 2.346 2.374
60						1.558 .311 31 1.585 1.845 1.983				1.558 .311 31 1.585 1.845 1.983
55						1.169 .227 35 1.151 1.432 1.518	1.500 .286 53 1.461 1.678 2.146	1.317 .237 21 1.282 1.571 1.724		1.358 .298 109 1.351 1.591 2.067
50						1.115 .276 85 1.138 1.352 1.568		1.093 .218 116 1.083 1.292 1.611		1.103 .244 201 1.109 1.336 1.627
45			.671 .139 17 .635 .792 .981		1.057 .215 9 1.098 1.269 1.283	1.211 .209 4 1.243 1.387 1.454	1.025 .246 31 .940 1.321 1.571	.959 .180 108 .973 1.104 1.328		.953 .220 169 .941 1.164 1.462
40						.778 .182 105 .746 .940 1.344		.766 .170 22 .851 .910 1.022		.776 .180 127 .747 .936 1.217
35			.649 .064 3 .606 .696 .734			.579 .120 10 .553 .717 .766				.595 .113 13 .601 .740 .765
30		.352 .120 8 .342 .451 .580	.475 .163 15 .440 .601 .871			.635 .153 23 .612 .741 1.009				.534 .187 46 .415 .686 .983
25										
20		.430 .175 11 .411 .660 .713			.618 .059 2 .618 .658 .675		.431 .091 10 .423 .520 .585			.447 .146 23 .425 .609 .712
15		.544 .271 4 .509 .812 .875								.544 .271 4 .509 .812 .875
10		.402 .143 8 .377 .584 .611				.299 .080 7 .282 .365 .434				.354 .129 15 .309 .485 .608
5										
0										
5				.336 .023 3 .340 .354 .360			.274 .065 2 .274 .317 .335			.311 .054 5 .338 .348 .359
10										
15							.387 .022 2 .387 .402 .408			.387 .022 2 .387 .402 .408
20										
25										
30										
35										
40			1.200 .379 63 1.266 1.585 1.860							1.200 .379 63 1.266 1.585 1.860
45S				1.300 .193 2 1.300 1.431 1.485						1.300 .193 2 1.300 1.431 1.485

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

AUGUST
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.201 .382 6 2.079 2.636 2.681					2.201 .382 6 2.079 2.636 2.681
60						1.826 .331 31 1.835 2.109 2.364				1.826 .331 31 1.835 2.109 2.364
55						1.433 .225 35 1.414 1.640 1.918	1.760 .256 53 1.728 1.974 2.281	1.544 .213 21 1.493 1.770 2.020		1.613 .280 109 1.591 1.855 2.240
50						1.378 .307 85 1.424 1.606 1.901		1.326 .258 116 1.321 1.517 1.849		1.348 .281 201 1.346 1.574 1.883
45			.922 .160 17 .944 1.076 1.199		1.304 .206 9 1.337 1.489 1.585	1.606 .296 4 1.752 1.790 1.819	1.322 .285 31 1.254 1.515 2.047	1.189 .191 107 1.176 1.370 1.583		1.203 .245 168 1.159 1.424 1.790
40						1.044 .227 105 1.026 1.247 1.643		.962 .179 22 .961 1.154 1.254		1.030 .222 127 1.014 1.244 1.626
35			.719 .060 3 .739 .767 .778			.786 .169 10 .773 .966 1.021				.771 .153 13 .745 .956 1.018
30		.519 .149 8 .465 .716 .755	.675 .132 15 .692 .773 .924			.859 .157 23 .882 .990 1.134				.740 .197 46 .610 .950 1.082
25										
20		.620 .176 11 .575 .782 .956			.876 .010 2 .876 .883 .886		.590 .078 10 .577 .668 .708			.629 .153 23 .599 .784 .948
15		.674 .277 4 .646 .948 1.011								.674 .277 4 .646 .948 1.011
10		.546 .158 8 .535 .685 .778				.427 .065 7 .429 .496 .526				.490 .137 15 .436 .652 .763
5										
0										
5				.466 .046 3 .447 .503 .526			.392 .074 2 .392 .441 .462			.436 .069 5 .447 .488 .524
10										
15							.542 .112 2 .542 .617 .649			.542 .112 2 .542 .617 .649
20										
25										
30										
35										
40			.499 .387 62 .556 1.866 2.228							1.499 .387 62 1.556 1.866 2.228
45S				.561 .246 2 .561 1.728 1.797						1.561 .246 2 1.561 1.728 1.797

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.036 .039 .011 .046 8 .050					.036 .038 .011 .046 8 .050
60						.047 .045 .018 .064 25 .087				.047 .045 .018 .064 25 .087
55						.040 .040 .014 .055 27 .064	.052 .052 .015 .068 52 .079	.049 .050 .010 .057 32 .068		.048 .049 .014 .059 111 .076
50						.066 .063 .021 .074 9 109		.052 .049 .020 .068 116 .104		.053 .050 .020 .069 125 .110
45			.060 .061 .012 .072 16 .081		.036 .031 .016 .053 10 .065	.047 .045 .011 .048 7 .069	.044 .044 .014 .055 32 .074	.048 .049 .013 .060 106 .077		.048 .048 .014 .060 171 .079
40						.045 .042 .020 .059 89 .095		.051 .049 .018 .064 17 .086		.046 .042 .020 .060 106 .090
35			.057 .057 .018 .075 16 .086			.035 .036 .015 .049 14 .059				.047 .039 .020 .067 30 .084
30		.048 .044 .029 .079 7 .091	.045 .044 .022 .062 17 .090			.052 .050 .014 .068 21 .071				.049 .050 .020 .068 45 .093
25										
20		.042 .041 .016 .053 17 .077			.022 .028 .010 .029 3 .029		.045 .049 .014 .054 7 .064			.041 .041 .016 .053 27 .078
15										
10		.026 .026 .002 .027 2 .028				.033 .030 .009 .041 8 .050				.032 .027 .009 .039 10 .050
5										
0										
5				.011 .010 .005 .016 4 .019			.073 1			.023 .012 .025 .038 5 .069
10										
15							.018 .018 .001 .018 2 .018			.018 .018 .001 .018 2 .018
20										
25										
30										
35										
40			.044 .043 .011 .054 65 .066							.044 .043 .011 .054 65 .066
45S				.045 .049 .015 .056 7 .067	.038 1					.044 .044 .015 .055 8 .067

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 210

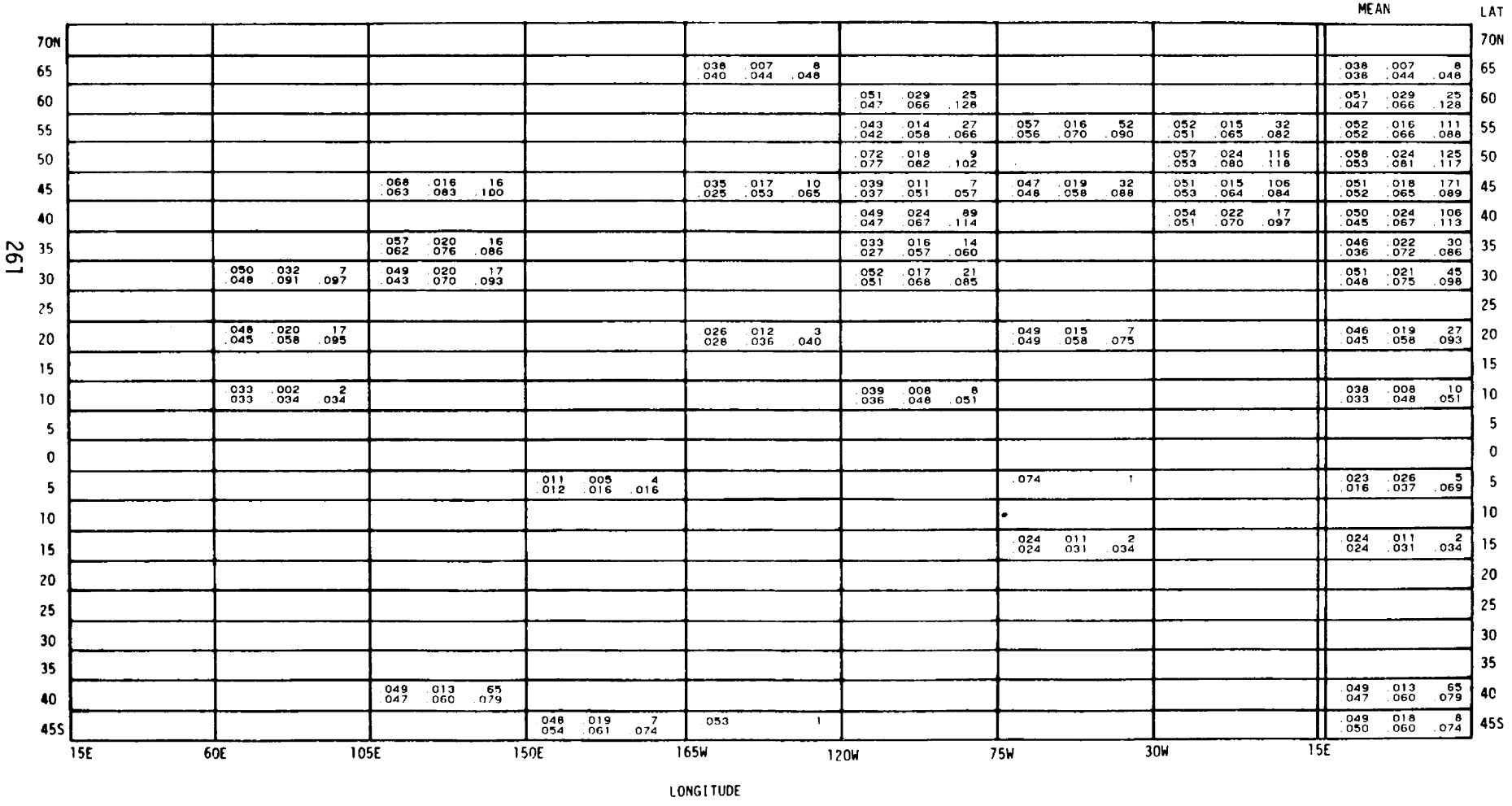
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.045 .041 .016 .067 8 .072					.045 .041 .016 .067 8 .072
60						.047 .049 .016 .060 25 .078				.047 .049 .016 .060 25 .078
55						.042 .042 .014 .056 27 .068	.053 .052 .015 .066 52 .085	.051 .050 .012 .062 32 .071		.050 .049 .015 .064 111 .079
50						.071 .072 .022 .089 9 .112		.054 .051 .022 .075 116 .111		.056 .053 .022 .076 125 .114
45			.065 .064 .015 .075 16 .096		.037 .029 .019 .057 10 .072	.049 .044 .008 .057 7 .061	.045 .043 .017 .057 32 .079	.050 .051 .014 .062 106 .080		.049 .050 .016 .062 171 .085
40						.047 .044 .022 .062 89 .108		.054 .053 .019 .067 17 .092		.048 .043 .021 .064 106 .106
35			.059 .060 .021 .078 16 .090			.033 .029 .015 .050 14 .061				.047 .036 .022 .072 30 .089
30		.048 .044 .029 .084 7 .090	.047 .042 .021 .062 17 .095			.052 .055 .017 .069 21 .081				.050 .047 .021 .071 45 .092
25										
20		.045 .043 .018 .055 17 .086			.027 .029 .014 .038 3 .041		.046 .047 .015 .056 7 .069			.043 .042 .018 .055 27 .085
15										
10		.029 .029 .002 .030 2 .031				.036 .033 .010 .048 8 .052				.035 .030 .009 .046 10 .052
5										
0										
5				.011 .011 .005 .016 4 .017			.081 1			.025 .014 .028 .040 5 .076
10										
15							.018 .018 .003 .019 2 .020			.018 .018 .003 .019 2 .020
20										
25										
30										
35										
40			.045 .043 .012 .058 65 .069							.045 .043 .012 .058 65 .069
45S				.048 .051 .017 .066 7 .071	.045 1					.048 .045 .016 .065 8 .071

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 230



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 250

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.045 .038 .018 .065 8 .079					.045 .038 .018 .065 8 .079
60						.051 .045 .022 .070 25 .098				.051 .045 .022 .070 25 .098
55						.043 .040 .014 .061 27 .070	.060 .056 .020 .079 52 .104	.053 .050 .018 .066 32 .097		.054 .051 .019 .070 111 .103
50						.069 .077 .017 .082 9 .094		.059 .053 .026 .081 116 .129		.060 .053 .026 .081 125 .129
45			.066 .060 .014 .081 16 .093		.041 .037 .020 .065 10 .078	.047 .046 .015 .061 7 .065	.049 .047 .017 .068 32 .082	.053 .056 .016 .066 106 .085		.053 .054 .017 .068 171 .089
40						.053 .050 .038 .067 89 .104		.055 .056 .024 .070 17 .104		.053 .047 .036 .068 106 .108
35			.054 .057 .019 .071 16 .084			.035 .029 .014 .050 14 .058				.045 .037 .019 .068 30 .081
30		.049 .049 .030 .084 7 .095	.051 .048 .019 .071 17 .086			.057 .055 .017 .074 21 .085				.053 .052 .020 .079 45 .089
25										
20		.049 .046 .020 .058 17 .098			.025 .028 .012 .035 3 .038		.049 .055 .016 .058 7 .074			.047 .046 .020 .057 27 .097
15										
10		.036 .036 .002 .037 2 .038				.037 .037 .007 .045 8 .048				.037 .035 .006 .044 10 .047
5										
0										
5				.011 .011 .006 .016 4 .018			.055 1			.020 .014 .018 .031 5 .052
10										
15							.020 .020 .009 .026 2 .029			.020 .020 .009 .026 2 .029
20										
25										
30										
35										
40			.051 .051 .015 .067 65 .084							.051 .051 .015 .067 65 .084
45S				.051 .055 .020 .064 7 .078	.060 1					.052 .056 .019 .063 8 .078

LONGITUDE

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

SEPTEMBER
FL 270

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.041 .008 8 .038 .050 .057					.041 .008 8 .038 .050 .057				
60	.049 .019 25 .045 .072 .085						.049 .019 25 .045 .072 .085			
55	.058 .023 111 .054 .079 .116						.045 .016 27 .042 .061 .078	.066 .024 52 .060 .089 .131	.055 .022 32 .050 .069 .111	
50	.062 .028 124 .052 .086 .146						.064 .016 8 .063 .083 .085		.061 .029 116 .053 .088 .149	
45	.055 .020 171 .055 .073 .099			.071 .019 16 .071 .081 .119		.042 .023 10 .038 .064 .084	.051 .016 7 .046 .062 .080	.051 .017 32 .051 .072 .082	.055 .019 106 .056 .070 .101	
40	.053 .031 106 .046 .070 .127						.052 .032 89 .048 .067 .130		.057 .025 17 .057 .072 .110	
35	.043 .019 30 .034 .064 .079			.052 .018 16 .054 .071 .082			.033 .015 14 .032 .046 .063			
30	.052 .019 45 .052 .075 .087		.047 .028 7 .049 .066 .095	.051 .017 17 .045 .068 .083			.056 .017 21 .056 .074 .084			
25										
20	.047 .020 27 .047 .063 .098		.050 .020 17 .048 .058 .099			.025 .010 3 .027 .033 .036		.051 .016 7 .053 .064 .074		
15										
10	.042 .012 10 .038 .045 .069		.059 .016 2 .059 .069 .073				.037 .006 8 .037 .044 .045			
5										
0										
5	.021 .020 5 .012 .034 .057				.011 .006 4 .010 .016 .020			.060 1		
10										
15	.018 .009 2 .018 .024 .027							.018 .009 2 .018 .024 .027		
20										
25										
30										
35										
40	.056 .020 65 .056 .073 .092			.056 .020 65 .056 .073 .092						
45S	.056 .018 8 .058 .068 .082				.054 .019 7 .054 .068 .082	.068 1				

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 290

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.062 .037 8 .050 .083 .141					.062 .037 8 .050 .083 .141
60						.056 .027 25 .054 .077 .120				.056 .027 25 .054 .077 .120
55						.046 .019 27 .040 .069 .087	.083 .047 52 .064 .125 .208	.059 .030 32 .050 .072 .145		.067 .040 111 .056 .096 .201
50						.063 .017 8 .059 .085 .090		.067 .035 116 .054 .102 .173		.067 .034 124 .054 .100 .171
45			.079 .027 16 .074 .099 .145		.043 .021 10 .040 .065 .084	.054 .015 7 .063 .067 .069	.053 .020 32 .053 .077 .090	.056 .024 106 .053 .075 .126		.057 .024 171 .054 .077 .121
40						.053 .030 89 .048 .071 .140		.060 .027 17 .066 .075 .117		.054 .029 106 .047 .072 .134
35			.051 .018 16 .052 .069 .080			.036 .019 14 .027 .053 .075				.044 .020 30 .037 .063 .081
30		.047 .029 7 .051 .067 .099	.051 .018 17 .043 .066 .089			.055 .017 21 .053 .069 .088				.052 .020 45 .051 .067 .098
25										
20		.051 .021 17 .048 .062 .102			.024 .009 3 .026 .031 .034		.048 .018 7 .039 .064 .075			.047 .021 27 .047 .063 .100
15										
10		.162 .115 2 .162 .240 .272				.041 .010 8 .041 .047 .059				.065 .071 10 .045 .055 .238
5										
0										
5				.010 .007 4 .008 .016 .021			.062 1			.021 .022 5 .010 .036 .059
10										
15							.026 .007 2 .026 .031 .033			.026 .007 2 .026 .031 .033
20										
25										
30										
35										
40			.070 .042 65 .064 .083 .173							.070 .042 65 .064 .083 .173
45S				.063 .023 7 .064 .087 .091	.075 1					.064 .022 8 .068 .086 .091

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 310

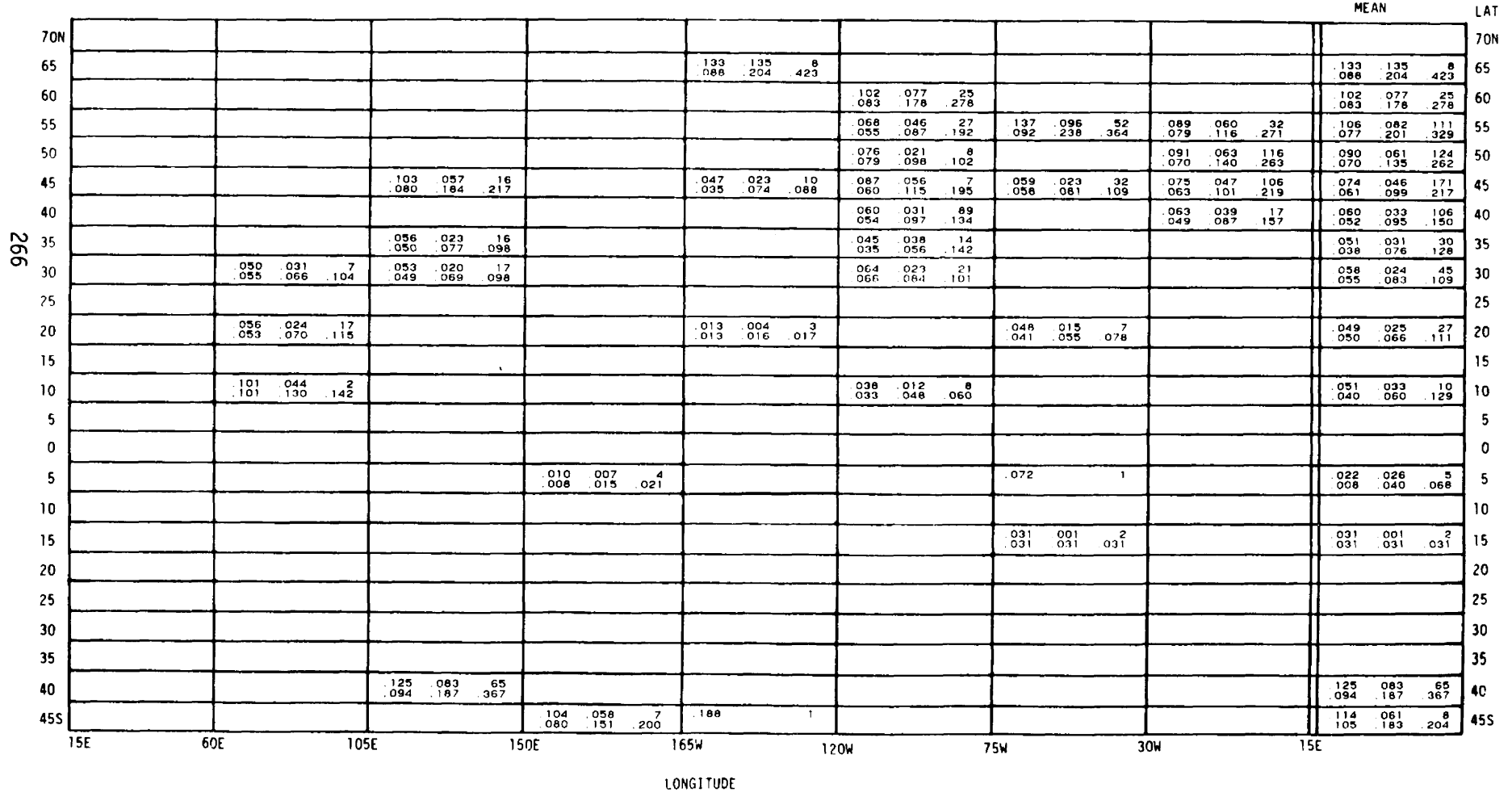
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.060 .058 8 .061 .144 .190					.060 .058 8 .061 .144 .190
60						.075 .055 25 .057 .123 .209				.075 .055 25 .057 .123 .209
55						.054 .030 27 .042 .073 .137	.103 .070 52 .070 .191 .270	.070 .044 32 .059 .081 .207		.082 .060 111 .061 .133 .253
50						.065 .018 8 .062 .086 .095		.076 .046 116 .061 .115 .208		.075 .045 124 .061 .114 .204
45			.090 .039 '16 .076 .128 .178		.042 .018 10 .031 .058 .076	.071 .030 7 .071 .102 .118	.057 .023 32 .057 .073 .112	.063 .031 106 .058 .082 .153		.063 .031 171 .058 .084 .155
40						.055 .030 89 .052 .081 .126		.060 .031 17 .052 .077 .132		.056 .030 106 .050 .079 .143
35			.052 .018 16 .050 .071 .079			.036 .019 14 .031 .050 .076				.044 .021 30 .037 .069 .079
30		.048 .030 7 .053 .068 .102	.051 .019 17 .043 .065 .094			.062 .020 21 .063 .082 .090				.056 .022 45 .054 .076 .105
25										
20		.053 .023 17 .050 .064 .107			.015 .005 3 .013 .018 .021		.050 .019 7 .045 .063 .081			.048 .024 27 .047 .062 .104
15										
10		.181 .129 2 .181 .269 .305				.044 .012 8 .040 .053 .065				.071 .080 10 .046 .061 .266
5										
0										
5				.010 .007 4 .008 .016 .021			.066 1			.021 .023 5 .009 .038 .062
10										
15							.031 .003 2 .031 .033 .034			.031 .003 2 .031 .033 .034
20										
25										
30										
35										
40			.090 .055 65 .076 .117 .234							.090 .055 65 .076 .117 .234
45S				.087 .047 7 .078 .100 .174	.159 1					.096 .050 8 .085 .152 .181

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 330



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.126 .110 .084 .164 8 .290					.126 .110 .084 .164 8 .290
60						.144 .148 .088 .239 25 .286				.144 .148 .088 .239 25 .286
55						.088 .069 .055 .133 27 .203	.172 .123 .121 .299 52 .418	.112 .103 .089 .159 32 .306		.134 .103 .102 .246 111 .394
50						.131 .120 .068 .206 8 .252		.109 .084 .076 .186 116 .316		.110 .086 .076 .190 124 .314
45			.113 .094 .058 .195 16 .219		.057 .039 .042 .078 10 .155	.112 .080 .095 .127 7 .312	.062 .054 .033 .075 32 .150	.091 .073 .059 .128 106 .268		.087 .069 .058 .123 171 .267
40						.065 .057 .037 .103 89 .151		.069 .057 .048 .100 17 .186		.066 .055 .039 .101 106 .177
35			.061 .051 .030 .087 16 .124			.062 .041 .050 .082 14 .181				.061 .041 .041 .086 30 .175
30		.053 .055 .031 .068 7 .108	.055 .052 .023 .076 17 .104			.063 .065 .024 .089 21 .103				.058 .054 .025 .084 45 .112
25										
20		.060 .055 .027 .077 17 .125			.024 .014 .019 .038 3 .049		.048 .045 .016 .058 7 .078			.053 .050 .026 .074 27 .118
15										
10		.063 .063 .000 .063 2 .063				.039 .038 .010 .047 8 .057				.044 .041 .013 .061 10 .063
5										
0										
5				.010 .008 .007 .015 4 .020			.074 1			.023 .006 .026 .040 5 .070
10										
15							.030 .030 .004 .033 2 .034			.030 .030 .004 .033 2 .034
20										
25										
30										
35										
40			.174 .139 .107 .282 65 .356							.174 .139 .107 .282 65 .356
45S				.128 .107 .063 .177 7 .232	.357 1					.157 .134 .096 .232 8 .341

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.236 .172 8 .200 .301 .588					.236 .172 8 .200 .301 .588
60						.196 .115 25 .208 .324 .375				.196 .115 25 .208 .324 .375
55						.109 .069 27 .084 .173 .254	.204 .124 52 .183 .324 .436	.143 .078 32 .139 .213 .329		.163 .108 111 .139 .281 .408
50						.130 .066 8 .141 .201 .209		.129 .081 116 .106 .221 .335		.129 .080 124 .106 .213 .335
45			.155 .094 16 .146 .226 .371		.076 .050 10 .066 .095 .189	.148 .106 7 .139 .166 .361	.086 .057 32 .067 .132 .232	.110 .067 106 .094 .162 .286		.109 .072 171 .086 .166 .302
40						.074 .040 89 .065 .108 .177		.078 .058 17 .075 .113 .221		.075 .044 106 .062 .108 .179
35			.067 .037 16 .055 .098 .149			.051 .031 14 .047 .064 .117				.059 .035 30 .044 .097 .139
30		.056 .032 7 .055 .073 .112	.057 .025 17 .051 .083 .110			.067 .029 21 .067 .090 .125				.061 .028 45 .058 .085 .121
25										
20		.064 .029 17 .058 .085 .135			.021 .015 3 .014 .033 .041		.048 .018 7 .052 .055 .077			.055 .029 27 .052 .079 .127
15										
10		.068 .001 2 .068 .069 .069				.039 .011 8 .034 .047 .061				.045 .015 10 .041 .065 .068
5										
0										
5				.010 .006 4 .007 .015 .019			.072 1			.022 .026 5 .009 .039 .068
10										
15							.031 .006 2 .031 .035 .037			.031 .006 2 .031 .035 .037
20										
25										
30										
35										
40			.231 .110 65 .236 .337 .449							.231 .110 65 .236 .337 .449
45S				.165 .079 7 .132 .258 .264	.282 1					.181 .084 8 .188 .264 .280

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 390

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.283 .104 8 .302 .392 .416					.283 .104 8 .302 .392 .416				
60	.226 .137 26 .221 .367 .472						.226 .137 26 .221 .367 .472			
55	.199 .113 111 .184 .311 .462						.138 .083 27 .135 .222 .306	.239 .124 52 .212 .365 .472	.185 .086 32 .168 .287 .331	
50	.154 .086 124 .135 .249 .340						.184 .096 8 .192 .269 .323		.152 .085 116 .132 .247 .341	
45	.135 .084 171 .116 .224 .340			.179 .097 16 .185 .262 .375		.130 .105 10 .112 .171 .366	.171 .125 7 .169 .233 .406	.124 .075 32 .090 .200 .289	.130 .076 106 .117 .198 .325	
40	.088 .058 106 .069 .135 .230						.088 .056 89 .070 .135 .214		.088 .068 17 .077 .128 .252	
35	.063 .037 30 .043 .105 .157			.071 .037 16 .060 .106 .152			.055 .036 14 .045 .068 .141			
30	.062 .033 45 .057 .090 .130		.058 .034 7 .055 .078 .116	.061 .027 17 .050 .089 .115			.065 .037 21 .062 .090 .156			
25										
20	.060 .034 27 .055 .090 .141		.069 .032 17 .062 .098 .145			.019 .013 3 .015 .029 .035		.057 .032 7 .055 .064 .117		
15										
10	.049 .014 10 .047 .063 .075		.074 .003 2 .074 .075 .076				.043 .008 8 .043 .052 .052			
5										
0										
5	.022 .025 5 .010 .038 .066				.010 .006 4 .008 .015 .019			.070 1		
10										
15	.042 .003 2 .042 .044 .045							.042 .003 2 .042 .044 .045		
20										
25										
30										
35										
40	.264 .128 65 .253 .413 .478			.264 .128 65 .253 .413 .478						
45S	.290 .088 6 .283 .335 .438				.287 .096 5 .263 .357 .441	.306 1				

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 410

270

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.356 .139 8 .343 .519 .551					.356 .139 8 .343 .519 .551	65
60						.263 .128 26 .262 .383 .487				.263 .128 26 .262 .383 .487	60
55						.185 .104 27 .143 .305 .382	.292 .122 52 .284 .386 .557	.228 .098 32 .229 .338 .413		.247 .120 111 .247 .363 .517	55
50						.194 .102 9 .235 .284 .332		.177 .093 116 .156 .288 .351		.179 .094 125 .158 .289 .350	50
45			.190 .089 16 .189 .270 .354		.160 .096 10 .144 .221 .362	.185 .122 7 .176 .261 .418	.141 .085 32 .105 .233 .322	.154 .082 106 .137 .233 .358		.157 .087 171 .138 .246 .370	45
40						.097 .054 89 .086 .143 .238		.099 .073 17 .088 .156 .269		.097 .057 106 .083 .144 .248	40
35			.075 .041 16 .067 .110 .169			.065 .036 14 .055 .096 .146				.070 .039 30 .045 .108 .168	35
30	.061 .036 7 .059 .084 .120		.067 .030 17 .056 .094 .120			.069 .034 21 .069 .103 .138				.067 .033 45 .066 .098 .128	30
25											25
20	.077 .035 17 .068 .111 .157				.021 .016 3 .016 .034 .041		.059 .029 7 .063 .071 .109			.066 .037 27 .062 .103 .148	20
15											15
10	.082 .003 2 .082 .083 .084					.047 .010 8 .049 .058 .062				.054 .017 10 .051 .072 .083	10
5											5
0											0
5				.011 .007 4 .008 .017 .021			.076 1			.024 .027 5 .011 .041 .072	5
10											10
15							.042 .006 2 .042 .046 .048			.042 .006 2 .042 .046 .048	15
20											20
25											25
30											30
35											35
40			.303 .158 65 .295 .467 .589							.303 .158 65 .295 .467 .589	40
45S				.257 .041 5 .234 .305 .313	.283 1					.262 .039 6 .259 .303 .313	45S

LONGITUDE

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

SEPTEMBER
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.459 .154 8 .470 .632 .643					.459 .154 8 .470 .632 .643
60						.311 .152 26 .331 .436 .576				.311 .152 26 .331 .436 .576
55						.222 .112 27 .195 .353 .457	.351 .148 52 .336 .501 .686	.275 .109 31 .273 .394 .482		.298 .140 110 .261 .445 .633
50						.258 .119 9 .296 .360 .383		.207 .103 116 .190 .325 .391		.211 .105 125 .203 .333 .390
45			.200 .091 16 .210 .261 .390		.184 .075 10 .185 .272 .290	.175 .120 7 .147 .194 .423	.168 .092 32 .141 .265 .342	.182 .094 106 .160 .269 .403		.181 .094 171 .161 .268 .409
40						.111 .061 89 .102 .168 .275		.117 .073 17 .102 .174 .284		.112 .063 106 .097 .172 .298
35			.088 .053 16 .073 .123 .213			.069 .044 14 .064 .087 .172				.079 .050 30 .048 .122 .208
30		.064 .038 7 .063 .090 .124	.073 .033 17 .062 .104 .130			.075 .036 21 .069 .119 .141				.073 .036 45 .068 .110 .139
25										
20		.084 .039 17 .074 .125 .168			.024 .018 3 .018 .038 .047		.069 .035 7 .082 .097 .108			.074 .041 27 .071 .108 .159
15										
10		.090 .003 2 .090 .092 .093				.055 .017 8 .049 .068 .089				.062 .021 10 .052 .089 .093
5										
0										
5				.012 .007 4 .009 .018 .023			.082 1			.026 .029 5 .012 .045 .077
10										
15							.042 .009 2 .042 .048 .051			.042 .009 2 .042 .048 .051
20										
25										
30										
35										
40			.324 .165 65 .338 .497 .651							.324 .165 65 .338 .497 .651
45S				.318 .091 5 .278 .409 .454	.456 1					.341 .097 6 .330 .457 .460

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.509 .183 8 .561 .686 .693					.509 .183 8 .561 .686 .693
60						.384 .174 26 .387 .526 .713				.384 .174 26 .387 .526 .713
55						.273 .129 27 .274 .399 .539	.413 .161 52 .413 .571 .707	.327 .121 31 .311 .454 .542		.354 .155 110 .300 .513 .683
50						.357 .145 9 .386 .482 .502		.250 .119 116 .251 .367 .502		.257 .124 125 .262 .393 .505
45			.239 .109 16 .251 .310 .462		.209 .072 10 .204 .268 .343	.292 .179 7 .197 .522 .594	.196 .106 32 .182 .296 .424	.216 .110 106 .186 .327 .478		.217 .112 171 .192 .324 .505
40						.130 .073 89 .117 .202 .306		.145 .080 17 .135 .227 .286		.132 .074 106 .112 .203 .290
35			.106 .056 16 .101 .157 .221			.072 .034 14 .065 .116 .125				.090 .050 30 .059 .128 .198
30		.068 .040 7 .068 .097 .128	.082 .037 17 .068 .119 .144			.082 .033 21 .080 .118 .146				.080 .036 45 .073 .120 .150
25										
20		.093 .043 17 .085 .141 .178			.027 .020 3 .021 .043 .052		.093 .043 7 .102 .129 .139			.086 .046 27 .082 .138 .169
15										
10		.100 .003 2 .100 .102 .103				.064 .016 8 .059 .080 .091				.071 .020 10 .069 .095 .102
5										
0										
5				.013 .008 4 .010 .019 .025			.086 1			.028 .030 5 .012 .048 .081
10										
15							.055 .004 2 .055 .057 .058			.055 .004 2 .055 .057 .058
20										
25										
30										
35										
40			.336 .174 65 .325 .461 .744							.336 .174 65 .325 .461 .744
45S				.314 .040 5 .322 .348 .369	.341 1					.319 .038 6 .328 .347 .369

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.564 .588 .170 .709 8 .818					.564 .588 .170 .709 8 .818
60						.494 .501 .231 .684 26 .987				.494 .501 .231 .684 26 .987
55						.318 .284 .127 .460 27 .537	.496 .473 .195 .717 52 .828	.426 .454 .134 .543 31 .639		.432 .418 .179 .598 110 .800
50						.397 .436 .153 .528 9 .539		.309 .303 .132 .432 116 .637		.315 .309 .135 .446 125 .625
45			.303 .302 .153 .397 16 .626		.276 .255 .107 .375 10 .468	.447 .369 .202 .632 7 .745	.218 .178 .113 .311 32 .477	.275 .240 .126 .406 106 .568		.274 .240 .136 .403 171 .600
40						.165 .146 .086 .259 89 .352		.183 .178 .083 .233 17 .351		.168 .143 .086 .254 106 .361
35			.126 .120 .066 .184 16 .269			.088 .081 .043 .129 14 .170				.108 .073 .060 .158 30 .242
30		.075 .081 .042 .107 7 .133	.090 .078 .037 .121 16 .165			.095 .086 .042 .148 21 .175				.090 .064 .041 .129 44 .173
25										
20		.110 .103 .045 .155 17 .185			.031 .031 .020 .047 3 .054		.104 .118 .038 .144 7 .152			.100 .101 .048 .153 27 .184
15										
10		.117 .117 .005 .120 2 .122				.072 .072 .011 .087 8 .089				.081 .076 .021 .101 10 .120
5										
0										
5				.014 .013 .006 .019 4 .023			.082 1			.028 .014 .028 .045 5 .077
10										
15							.055 .055 .013 .063 2 .067			.055 .055 .013 .063 2 .067
20										
25										
30										
35										
40			.400 .356 .223 .595 65 .856							.400 .356 .223 .595 65 .856
45S				.362 .313 .063 .435 5 .451	.384 1					.366 .349 .058 .431 6 .450

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.724 .578 .331 1.049 8 1.276					.724 .578 .331 1.049 8 1.276
60						.574 .557 .264 .777 26 1.150				.574 .557 .264 .777 26 1.150
55						.417 .412 .143 .553 27 .718	.610 .557 .211 .879 52 .986	.529 .558 .146 .637 31 .772		.540 .503 .195 .716 110 .941
50						.444 .409 .175 .594 9 .687		.393 .383 .148 .548 116 .697		.396 .388 .151 .552 125 .701
45			.386 .341 .205 .545 16 .858		.432 .416 .206 .626 10 .749	.448 .448 .208 .664 7 .695	.308 .265 .175 .459 32 .769	.360 .347 .138 .493 105 .664		.360 .314 .164 .524 170 .699
40						.219 .199 .109 .344 89 .445		.221 .203 .091 .308 17 .382		.220 .193 .106 .326 106 .428
35			.152 .141 .091 .196 16 .379			.124 .109 .052 .179 14 .223				.139 .090 .077 .192 30 .341
30		.083 .094 .042 .118 7 .138	.107 .109 .038 .142 16 .181			.125 .118 .062 .173 21 .274				.112 .090 .053 .145 44 .216
25										
20		.128 .137 .052 .174 17 .214			.036 .042 .021 .054 3 .058		.112 .119 .051 .153 7 .178			.114 .119 .057 .168 27 .207
15										
10		.134 .134 .007 .139 2 .141				.084 .075 .028 .120 8 .126				.094 .093 .032 .127 10 .138
5										
0										
5				.023 .020 .008 .029 4 .035			.077 1			.033 .021 .023 .051 5 .074
10										
15							.069 .069 .006 .073 2 .075			.069 .069 .006 .073 2 .075
20										
25										
30										
35										
40			.478 .436 .236 .724 65 .888							.478 .436 .236 .724 65 .888
45S				.421 .445 .089 .498 5 .542	.459 1					.427 .452 .082 .486 6 .540

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.887 .257 8 .815 1.241 1.281					.887 .257 8 .815 1.241 1.281
60						.731 .288 26 .759 .952 1.391				.731 .288 26 .759 .952 1.391
55						.557 .200 27 .556 .689 .987	.740 .225 52 .684 1.036 1.168	.661 .162 31 .659 .808 .943		.673 .216 110 .604 .918 1.107
50						.552 .219 9 .615 .711 .842		.522 .167 116 .513 .692 .908		.524 .171 125 .517 .698 .902
45			.443 .197 16 .419 .579 .884		.569 .303 10 .508 .917 1.085	.507 .183 7 .569 .674 .741	.450 .340 32 .357 .564 1.420	.463 .151 104 .466 .620 .762		.467 .217 169 .440 .635 1.012
40						.292 .138 89 .254 .440 .638		.320 .118 17 .330 .421 .521		.297 .135 106 .244 .439 .624
35			.197 .115 16 .175 .273 .471			.166 .066 14 .145 .220 .294				.183 .097 30 .124 .255 .424
30		.096 .038 7 .102 .129 .150	.133 .046 16 .126 .181 .219			.175 .079 21 .172 .232 .356				.147 .070 44 .108 .204 .334
25										
20		.151 .065 17 .163 .220 .256			.075 .032 3 .077 .102 .113		.148 .039 7 .159 .177 .205			.142 .061 27 .153 .205 .250
15										
10		.152 .009 2 .152 .157 .160				.088 .029 8 .091 .116 .127				.100 .037 10 .098 .137 .157
5										
0										
5				.042 .009 4 .039 .049 .056			.079 1			.049 .017 5 .041 .065 .077
10										
15							.097 .005 2 .097 .100 .101			.097 .005 2 .097 .100 .101
20										
25										
30										
35										
40			.602 .228 65 .612 .847 .990							.602 .228 65 .612 .847 .990
45S				.540 .160 5 .579 .668 .771	.586 1					.548 .147 6 .583 .639 .768

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.016 .223 8 .948 1.203 1.454					.016 .223 8 .948 1.203 1.454
60						.895 .292 26 .877 1.080 1.613				.895 .292 26 .877 1.080 1.613
55						.675 .226 27 .646 .905 1.145	.951 .243 52 .905 1.213 1.373	.758 .189 31 .708 .967 1.112		.829 .254 110 .758 1.119 1.357
50						.716 .263 9 .802 .846 1.067		.673 .191 116 .666 .853 1.076		.676 .197 125 .672 .849 1.094
45			.520 .203 16 .544 .669 .913		.669 .294 10 .686 .922 1.148	.620 .200 7 .650 .736 .932	.560 .273 32 .487 .777 1.304	.595 .169 104 .593 .761 .986		.587 .208 169 .575 .773 1.111
40						.363 .154 89 .343 .507 .762		.419 .125 17 .434 .542 .599		.372 .151 106 .326 .523 .758
35			.247 .141 16 .223 .376 .558			.240 .081 14 .235 .300 .393				.243 .117 30 .153 .339 .505
30		.110 .036 7 .119 .140 .165	.169 .061 16 .159 .234 .283			.252 .077 21 .262 .330 .374				.199 .086 44 .147 .288 .369
25										
20		.174 .083 17 .178 .277 .307			.159 .037 3 .183 .186 .187		.191 .043 7 .205 .237 .239			.177 .071 27 .179 .239 .307
15										
10		.169 .010 2 .169 .176 .179				.105 .041 8 .108 .130 .166				.118 .045 10 .113 .166 .178
5										
0										
5				.071 .013 4 .078 .079 .079			.108 1			.078 .019 5 .078 .089 .106
10										
15							.121 .012 2 .121 .129 .133			.121 .012 2 .121 .129 .133
20										
25										
30										
35										
40			.745 .257 65 .704 1.010 1.350							.745 .257 65 .704 1.010 1.350
45S				.690 .152 5 .714 .803 .910	.714 1					.694 .139 6 .663 .772 .906

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.486 .219 8 1.490 1.671 1.817					1.486 .219 8 1.490 1.671 1.817
60						1.180 .330 26 1.161 1.420 1.983				1.180 .330 26 1.161 1.420 1.983
55						.851 .238 27 .785 1.038 1.363	1.179 .277 52 1.149 1.474 1.719	1.053 .206 31 1.087 1.273 1.410		1.063 .282 110 1.026 1.354 1.661
50						.893 .266 9 .933 1.110 1.167		.865 .213 116 .845 1.103 1.284		.867 .217 125 .865 1.106 1.280
45			.679 .216 16 .729 .857 .995		.890 .307 10 .861 1.242 1.359	.837 .296 7 .755 1.205 1.238	.706 .259 32 .717 .863 1.320	.771 .176 104 .762 .951 1.158		.760 .219 169 .755 .958 1.231
40						.544 .189 89 .503 .717 1.021		.512 .119 17 .513 .609 .742		.539 .180 106 .490 .704 1.009
35			.377 .161 16 .379 .560 .652			.363 .106 14 .362 .457 .545				.370 .138 30 .286 .536 .635
30		.129 .032 7 .138 .154 .179	.273 .095 16 .265 .367 .453			.374 .130 21 .350 .451 .711				.298 .138 44 .228 .411 .542
25										
20		.265 .095 17 .261 .369 .391			.227 .015 3 .235 .238 .240		.287 .070 7 .265 .298 .431			.266 .086 27 .255 .361 .420
15										
10		.243 .023 2 .243 .259 .265				.179 .064 8 .166 .269 .279				.192 .064 10 .185 .273 .279
5										
0										
5				.156 .033 4 .170 .178 .182			.172 1			.159 .030 5 .172 .177 .182
10										
15							.230 .065 2 .230 .274 .292			.230 .065 2 .230 .274 .292
20										
25										
30										
35										
40			.992 .333 65 .891 1.330 1.624							.992 .333 65 .891 1.330 1.624
45S				.978 .078 5 .006 1.045 1.062	1.062 1					.992 .078 6 1.021 1.062 1.064

LONGITUDE

CODE:	MEAN	ST. DEV.	N
	50%	84%	98%

SEPTEMBER
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.726 .167 8 1.742 1.861 1.981					1.726 .167 8 1.742 1.861 1.981
60						1.484 .359 26 1.401 1.840 2.279				1.484 .359 26 1.401 1.840 2.279
55						1.059 .215 27 .979 1.291 1.502	1.438 .276 51 1.431 1.762 1.890	1.278 .208 31 1.293 1.470 1.684		1.299 .288 109 1.293 1.600 1.873
50						1.144 .333 9 1.212 1.412 1.503		1.069 .255 116 1.046 1.325 1.609		1.075 .262 125 1.070 1.336 1.607
45			.870 .233 16 .850 1.079 1.290		1.163 .364 10 1.061 1.577 1.824	1.149 .274 7 1.168 1.427 1.542	.907 .248 32 .929 1.123 1.426	.980 .178 104 .979 1.177 1.374		.974 .229 169 .960 1.175 1.519
40						.738 .205 89 .721 .923 1.291		.678 .155 17 .657 .830 .958		.729 .199 106 .695 .910 1.278
35			.568 .218 16 .563 .770 .993			.592 .194 14 .547 .814 .968				.579 .207 30 .434 .785 1.040
30		.193 .037 7 .187 .220 .258	.460 .152 16 .435 .620 .769			.567 .159 21 .558 .642 .981				.468 .194 44 .339 .634 .856
25										
20		.406 .131 17 .460 .533 .583			.390 .041 3 .376 .424 .443		.397 .073 7 .412 .477 .487			.402 .112 27 .412 .516 .579
15										
10		.372 .039 2 .372 .398 .409				.296 .075 8 .291 .377 .395				.311 .076 10 .291 .390 .409
5										
0										
5				.341 .103 4 .392 .406 .417			.238 1			.320 .101 5 .389 .403 .416
10										
15							.390 .166 2 .390 .502 .548			.390 .166 2 .390 .502 .548
20										
25										
30										
35										
40			1.259 .269 65 1.302 1.522 1.764							1.259 .269 65 1.302 1.522 1.764
45S				1.279 .048 5 1.282 1.317 1.335	1.420 1					1.303 .068 6 1.294 1.354 1.412

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

SEPTEMBER
FL 590

LAT	MEAN	15E	30W	75W	120W	165W	150E	105E	60E	15E
70N										
65	2.006 .148 8 2.016 2.160 2.207					2.006 .148 8 2.016 2.160 2.207				
60	1.795 .391 26 1.770 2.135 2.659				1.795 .391 26 1.770 2.135 2.659					
55	1.605 .320 109 1.639 1.904 2.256		1.564 .263 31 1.562 1.831 2.054	1.774 .280 51 1.783 2.032 2.388	1.333 .238 27 1.266 1.611 1.776					
50	1.310 .295 125 1.305 1.646 1.846		1.301 .283 116 1.301 1.644 1.825		1.428 .399 9 1.539 1.698 1.842					
45	1.210 .234 169 1.191 1.439 1.689		1.220 .195 104 1.194 1.426 1.604	1.190 .283 32 1.161 1.484 1.733	1.272 .266 7 1.288 1.457 1.648	1.331 .303 10 1.276 1.685 1.829		1.088 .234 16 1.113 1.238 1.556		
40	969 .238 106 931 1.155 1.574		896 .203 17 888 1.017 1.357		983 .241 89 955 1.158 1.629					
35	852 .262 30 680 1.124 1.435				829 .229 14 787 1.100 1.229			873 .286 16 844 1.123 1.478		
30	681 .209 44 617 .870 1.018				798 .134 21 788 .902 1.056			686 .137 16 684 .806 .938	.318 .076 7 .337 .393 .424	
25										
20	574 .138 27 598 .707 .816			539 .107 7 515 .618 .688		572 .100 3 512 .649 .705			.589 .151 17 621 .724 .822	
15										
10	468 .138 10 520 .600 .616				436 .136 8 456 .583 .605				.598 .021 2 .598 .611 .617	
5										
0										
5	521 .149 5 615 .653 .656			.377 1			.557 .146 4 .634 .654 .656			
10										
15	605 .150 2 605 .706 .748			605 .150 2 605 .706 .748						
20										
25										
30										
35										
40	1.594 .318 65 1.594 1.901 2.205							1.594 .318 65 1.594 1.901 2.205		
45S	1.544 .115 6 1.513 1.635 1.747					1.763 1	1.501 .067 5 1.486 1.562 1.598			

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.046 .017 7 .042 .069 .074					.046 .017 7 .042 .069 .074
60						.041 .014 42 .043 .051 .065				.041 .014 42 .042 .051 .065
55						.044 .012 38 .045 .052 .068	.044 .013 61 .044 .057 .069	.046 .010 22 .045 .056 .063		.044 .012 121 .044 .056 .068
50								.047 .019 103 .044 .062 .096		.047 .019 103 .044 .062 .096
45			.050 .009 22 .050 .060 .067		.027 .010 10 .026 .038 .045	.033 .016 5 .027 .043 .062	.042 .020 42 .040 .059 .086	.041 .011 116 .042 .050 .072		.042 .014 195 .041 .052 .073
40						.044 .020 97 .041 .056 .090		.040 .014 19 .042 .050 .063		.043 .019 116 .040 .055 .089
35			.059 .019 26 .055 .069 .109			.026 .010 17 .024 .037 .047				.046 .023 43 .047 .061 .091
30		.039 .009 5 .036 .048 .052	.043 .014 19 .047 .054 .067			.043 .016 32 .044 .055 .077				.043 .015 56 .037 .054 .070
25										
20		.048 .013 19 .047 .059 .073			.026 1		.030 .009 10 .035 .037 .040			.041 .015 30 .038 .058 .069
15										
10		.036 1				.028 .014 9 .024 .044 .049				.029 .013 10 .025 .043 .049
5										
0										
5				.016 .003 2 .016 .018 .019			.067 .007 3 .070 .073 .074			.046 .026 5 .057 .071 .074
10										
15										
20										
25										
30										
35										
40			.044 .011 77 .044 .057 .069							.044 .011 77 .044 .057 .069
45S				.040 .006 2 .040 .044 .046						.040 .006 2 .040 .044 .046

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 210

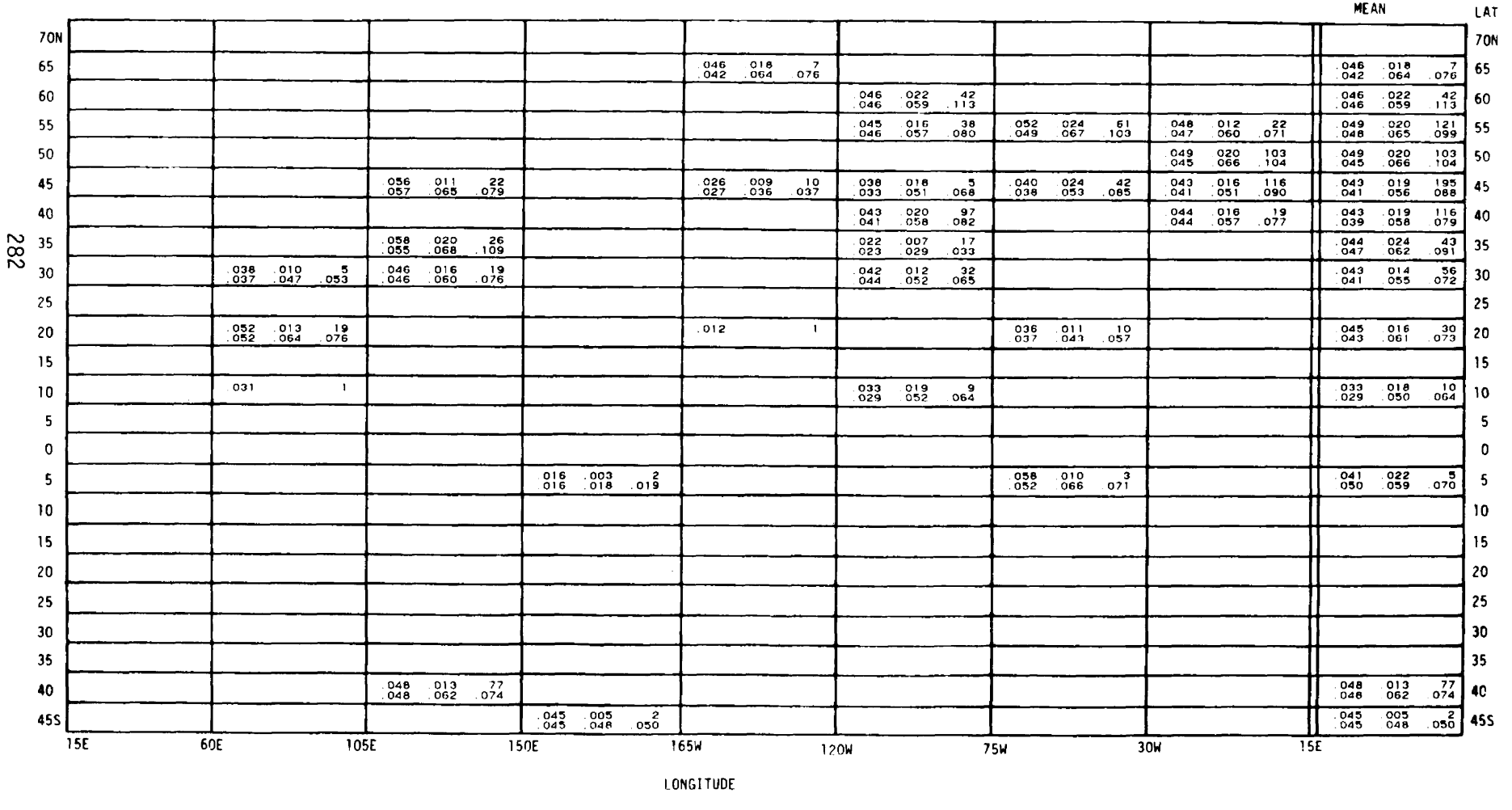
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.046 .042 .015 .063 7 .067					.046 .042 .015 .063 7 .067	65
60						.043 .043 .016 .055 42 .079				.043 .043 .016 .055 42 .079	60
55						.044 .045 .014 .054 38 .065	.048 .049 .018 .060 61 .088	.047 .045 .010 .059 22 .064		.047 .046 .015 .059 121 .078	55
50								.049 .045 .019 .065 103 .098		.049 .045 .019 .065 103 .098	50
45			.053 .053 .010 .062 22 .074		.027 .028 .008 .036 10 .040	.033 .027 .016 .043 5 .061	.041 .038 .019 .053 42 .082	.042 .043 .013 .051 116 .079		.042 .042 .015 .054 195 .078	45
40						.044 .041 .019 .062 97 .096		.042 .043 .013 .050 19 .070		.043 .040 .019 .060 116 .091	40
35			.058 .055 .020 .071 26 .109			.024 .020 .009 .035 17 .041				.045 .046 .024 .062 43 .091	35
30		.038 .035 .008 .045 5 .052	.046 .046 .016 .057 19 .076			.041 .044 .012 .050 32 .065				.042 .038 .013 .054 56 .070	30
25											25
20		.050 .048 .013 .061 19 .075			.018 1		.033 .036 .012 .041 10 .051			.043 .036 .015 .057 30 .071	20
15											15
10		.030 1				.031 .028 .016 .051 9 .054				.031 .026 .015 .051 10 .053	10
5											5
0											0
5				.016 .016 .003 .018 2 .019			.061 .061 .009 .068 3 .071			.043 .050 .023 .065 5 .070	5
10											10
15											15
20											20
25											25
30											30
35											35
40			.047 .046 .011 .058 76 .070							.047 .045 .011 .058 76 .070	40
45S				.043 .043 .005 .046 2 .048						.043 .043 .005 .046 2 .048	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 230



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 250

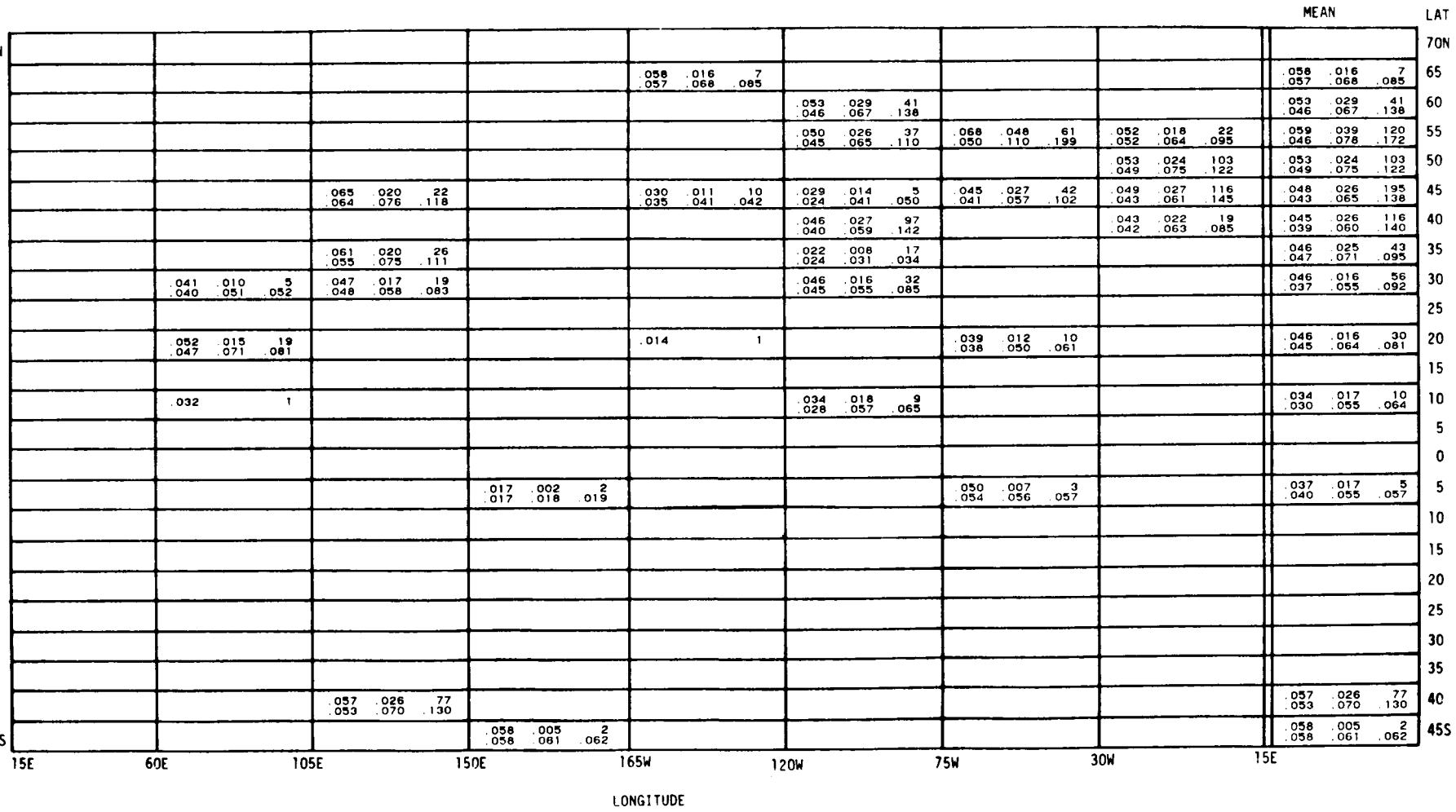
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.045 .047 .018 .058 7 .076					.045 .047 .018 .058 7 .076	65
60						.049 .046 .024 .061 41 .105				.049 .046 .024 .061 41 .105	60
55						.046 .047 .019 .058 38 .084	.058 .049 .034 .074 61 .146	.049 .050 .014 .063 22 .078		.052 .049 .028 .069 121 .128	55
50								.051 .047 .022 .069 103 .124		.051 .047 .022 .069 103 .124	50
45			.060 .062 .014 .072 22 .089		.027 .028 .010 .037 10 .044	.043 .040 .021 .061 5 .077	.043 .042 .030 .051 42 .096	.046 .042 .020 .056 116 .110		.046 .043 .023 .061 195 .100	45
40						.044 .041 .022 .057 97 .106		.044 .043 .020 .061 19 .082		.044 .038 .022 .058 116 .104	40
35			.059 .053 .019 .071 26 .109			.021 .023 .008 .028 17 .032				.044 .048 .024 .065 43 .092	35
30		.039 .038 .009 .049 5 .053	.047 .046 .017 .061 19 .079			.043 .044 .012 .051 32 .069				.044 .041 .014 .054 56 .071	30
25											25
20		.052 .050 .014 .066 19 .078			.013 1		.038 .041 .011 .047 10 .054			.046 .044 .016 .060 30 .077	20
15											15
10		.031 1				.032 .031 .017 .050 9 .058				.032 .029 .016 .048 10 .058	10
5											5
0											0
5				.017 .017 .003 .018 2 .019			.055 .051 .008 .061 3 .065			.040 .048 .020 .056 5 .065	5
10											10
15											15
20											20
25											25
30											30
35											35
40			.051 .049 .015 .066 77 .085							.051 .049 .015 .066 77 .085	40
45S				.047 .047 .004 .050 2 .051						.047 .047 .004 .050 2 .051	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 270



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 290

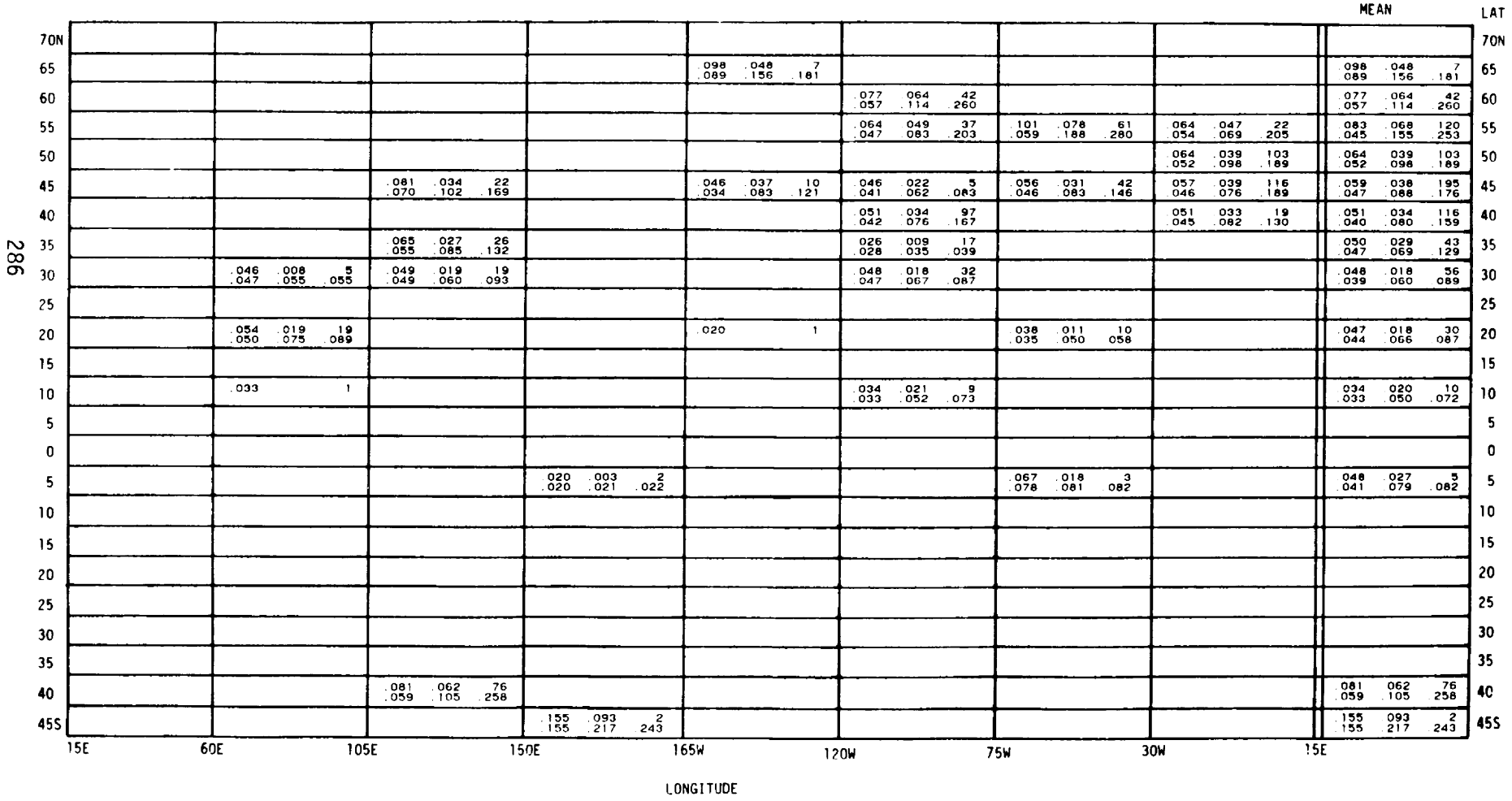
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					.069 .025 7 .072 .097 .105					.069 .025 7 .072 .097 .105	65
60						.062 .040 41 .050 .089 .168				.062 .040 41 .050 .089 .168	60
55						.055 .040 37 .045 .067 .184	.081 .063 61 .050 .150 .235	.057 .034 22 .052 .066 .150		.069 .054 120 .043 .098 .230	55
50								.057 .029 103 .051 .086 .135		.057 .029 103 .051 .086 .135	50
45			.072 .022 22 .066 .095 .121		.037 .016 10 .033 .053 .067	.039 .025 5 .029 .052 .084	.047 .025 42 .041 .060 .117	.052 .033 116 .045 .068 .173		.052 .031 195 .045 .072 .151	45
40						.048 .030 97 .040 .063 .153		.048 .028 19 .041 .077 .108		.048 .030 116 .038 .063 .148	40
35			.064 .024 26 .056 .085 .131			.024 .008 17 .024 .032 .037				.048 .028 43 .045 .068 .130	35
30		.044 .011 5 .044 .056 .059	.048 .017 19 .051 .054 .087			.047 .019 32 .044 .068 .093				.047 .018 56 .038 .059 .094	30
25											25
20		.053 .017 19 .049 .073 .085			.015 1		.040 .013 10 .039 .047 .065			.047 .017 30 .045 .068 .084	20
15											15
10		.033 1				.034 .016 9 .031 .053 .058				.034 .015 10 .031 .051 .058	10
5											5
0											0
5				.018 .002 2 .018 .019 .019			.052 .004 3 .052 .055 .057			.038 .017 5 .046 .054 .057	5
10											10
15											15
20											20
25											25
30											30
35											35
40			.067 .041 76 .056 .083 .169							.067 .041 76 .056 .083 .169	40
45S				.096 .041 2 .096 .123 .134						.096 .041 2 .096 .123 .134	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 310



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.176 .123 .104 .239 7 .364					.176 .123 .104 .239 7 .364
60						.100 .081 .080 .180 42 316				.100 .081 .080 .180 42 316
55						.078 .054 .063 .128 37 .243	.134 .118 .095 .234 61 .316	.075 .056 .058 .087 22 .248		.106 .052 .085 .211 120 .285
50								.074 .058 .051 .111 103 227		.074 .058 .051 .111 103 227
45			.096 .078 .047 .132 22 .215		.066 .043 .061 .106 10 205	.071 .047 .049 .121 5 .146	.072 .055 .048 .108 42 .210	.064 .046 .049 .099 116 .216		.070 .051 .050 .115 195 .220
40						.058 .048 .041 .086 97 .203		.056 .052 .041 .091 19 .148		.057 .047 .041 .086 116 .199
35			.070 .063 .027 .106 26 .131			.026 .028 .011 .038 17 .041				.052 .046 .031 .076 43 .123
30		.046 .050 .007 .052 5 .053	.049 .046 .021 .061 19 .099			.049 .046 .021 .067 32 .102				.049 .038 .020 .065 56 .114
25										
20		.055 .051 .020 .075 19 .093			.029 1		.034 .032 .012 .045 10 .055			.047 .043 .020 .071 30 .089
15										
10		.034 1				.036 .037 .018 .055 9 .060				.036 .037 .017 .054 10 .059
5										
0										
5				.023 .023 .004 .025 2 .026			.088 .084 .022 .106 3 .116			.062 .064 .036 .096 5 .114
10										
15										
20										
25										
30										
35										
40			.114 .082 .089 .195 76 .406							.114 .082 .089 .195 76 .406
45S				.211 .211 .136 .303 2 342						.211 .211 .136 .303 2 342

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.259 .157 7 .253 .404 .541					.259 .157 7 .253 .404 .541
60						.144 .090 42 .135 .251 .342				.144 .090 42 .135 .251 .342
55						.093 .073 37 .065 .192 .266	.171 .111 61 .168 .290 .370	.090 .069 22 .062 .135 .284		.132 .101 120 .063 .249 .345
50								.087 .062 103 .065 .153 .246		.087 .062 103 .065 .153 .246
45			.119 .064 22 .106 .175 .272		.100 .085 10 .080 .160 .279	.077 .055 5 .047 .135 .160	.088 .058 42 .068 .166 .224	.077 .060 116 .051 .127 .242		.085 .063 195 .060 .151 .244
40						.067 .049 97 .055 .098 .234		.062 .042 19 .054 .105 .145		.066 .048 116 .054 .101 .233
35			.079 .033 26 .072 .122 .146			.035 .018 17 .031 .057 .070				.062 .035 43 .054 .098 .133
30		.048 .011 5 .053 .056 .061	.050 .023 19 .043 .069 .103			.053 .028 32 .046 .077 .124				.052 .025 56 .038 .070 .117
25										
20		.058 .022 19 .057 .078 .101			.038 1		.035 .008 10 .036 .043 .045			.049 .021 30 .042 .071 .096
15										
10		.035 1				.035 .016 9 .032 .051 .061				.035 .015 10 .030 .050 .060
5										
0										
5				.026 .005 2 .026 .029 .031			.097 .020 3 .085 .112 .123			.069 .038 5 .081 .099 .122
10										
15										
20										
25										
30										
35										
40			.169 .122 76 .128 .297 .508							.169 .122 76 .128 .297 .508
45S				.230 .142 2 .230 .326 .365						.230 .142 2 .230 .326 .365

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.307 .160 7 .330 .442 .575					.307 .160 7 .330 .442 .575
60						.193 .102 42 .202 .291 .437				.193 .102 42 .202 .291 .437
55						.117 .085 37 .078 .206 .301	.198 .113 61 .202 .325 .374	.108 .076 21 .089 .181 .298		.157 .108 119 .127 .276 .368
50								.108 .074 104 .089 .187 .299		.108 .074 104 .089 .187 .299
45			.148 .070 22 .140 .208 .295		.128 .116 10 .079 .261 .348	.143 .101 5 .124 .257 .269	.110 .066 42 .089 .184 .266	.095 .075 116 .063 .193 .280		.107 .078 195 .078 .202 .285
40						.079 .055 97 .068 .103 .253		.077 .053 19 .058 .138 .189		.078 .055 116 .065 .114 .245
35			.089 .043 26 .085 .105 .205			.041 .019 17 .045 .059 .072				.070 .042 43 .059 .102 .182
30		.052 .010 5 .057 .060 .065	.053 .026 19 .044 .077 .108			.064 .034 32 .050 .095 .151				.059 .031 56 .041 .087 .131
25										
20		.062 .025 19 .062 .081 .113			.047 1		.039 .017 10 .035 .046 .077			.054 .024 30 .044 .077 .110
15										
10		.036 1				.035 .014 9 .033 .050 .056				.035 .013 10 .032 .048 .056
5										
0										
5				.030 .007 2 .030 .034 .036			.103 .023 3 .104 .122 .130			.074 .040 5 .075 .114 .129
10										
15										
20										
25										
30										
35										
40			.216 .123 76 .179 .332 .503							.216 .123 76 .179 .332 .503
45S				.326 .220 2 .326 .475 .536						.326 .220 2 .326 .475 .536

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.347 .366 .140 .480 7 .542					.347 .366 .140 .480 7 .542
60						.236 .246 .116 .334 .42 .522				.236 .246 .116 .334 .42 .522
55						.151 .108 .098 .271 .37 .343	.226 .213 .121 .335 .61 .494	.133 .101 .090 .229 .21 .331		.186 .169 .117 .306 .119 .419
50								.135 .116 .086 .221 .104 .332		.135 .116 .086 .221 .104 .332
45			.174 .177 .079 .271 .22 .309		.144 .072 .127 .299 .10 .372	.216 .149 .135 .373 .5 .386	.138 .112 .089 .215 .42 .380	.114 .074 .088 .221 .116 .328		.130 .093 .094 .235 .195 .372
40						.094 .083 .066 .140 .97 .294		.094 .076 .067 .135 .19 .257		.094 .076 .066 .140 .116 .289
35			.102 .088 .061 .123 .26 .280			.056 .057 .023 .070 .17 .106				.084 .068 .054 .115 .43 .249
30		.056 .060 .009 .063 .5 .068	.057 .050 .028 .086 .19 .109			.075 .057 .043 .109 .32 .186				.067 .049 .038 .092 .56 .158
25										
20		.066 .066 .028 .090 .19 .126			.056 1		.036 .034 .020 .042 .10 .080			.056 .046 .029 .083 .30 .125
15										
10		.037 1				.040 .036 .016 .060 .9 .063				.040 .034 .015 .059 .10 .063
5										
0										
5				.032 .032 .008 .037 .2 .040			.095 .098 .023 .114 .3 .120			.070 .066 .036 .106 .5 .119
10										
15										
20										
25										
30										
35										
40			.264 .252 .115 .365 .76 .523							.264 .252 .115 .365 .76 .523
45S				.466 .466 .312 .678 .2 .766						.466 .466 .312 .678 .2 .766

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.415 .374 / .179 .629 / 7 .699					.415 .374 / .179 .629 / 7 .699
60						308 297 / 151 432 / 42 681				308 297 / 151 432 / 42 681
55						196 183 / 105 300 / 37 422	267 238 / 142 386 / 61 568	173 117 / 118 272 / 21 450		228 216 / 134 344 / 119 533
50								165 143 / 095 266 / 104 392		165 142 / 095 266 / 104 392
45			.197 178 / 088 318 / 22 345		.153 087 / 139 277 / 10 441	279 195 / 132 438 / 5 441	166 119 / 105 300 / 42 427	142 104 / 097 238 / 116 406		157 126 / 105 273 / 195 433
40						114 103 / 074 168 / 97 321		125 103 / 068 168 / 19 283		116 090 / 073 168 / 116 315
35			111 093 / 072 127 / 26 332			083 071 / 053 127 / 17 212				100 077 / 067 128 / 43 297
30	062 062 / 004 066 / 5 068		.057 053 / .025 088 / .19 .097			083 071 / 050 106 / 32 232				072 049 / 043 093 / 56 200
25										
20	.071 064 / 033 091 / 19 144				064 / 1		036 035 / 015 043 / 10 064			059 055 / 032 085 / 30 143
15										
10	038 / 1					042 039 / 020 059 / 9 077				042 037 / 019 057 / 10 077
5										
0										
5				033 033 / 010 039 / 2 042			082 081 / 032 108 / 3 119			062 043 / 035 095 / 5 118
10										
15										
20										
25										
30										
35										
40			289 280 / 123 399 / 76 550							289 280 / 123 399 / 76 550
45S				555 555 / 283 747 / 2 826						555 555 / 283 747 / 2 826

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.557 .231 7 .705 .780 .804					.557 .231 7 .705 .780 .804
60						.373 .171 42 .327 .557 .806				.373 .171 42 .327 .557 .806
55						.238 .107 37 .238 .336 .454	.317 .163 61 .287 .447 .689	.213 .148 21 .133 .361 .568		.274 .152 119 .254 .404 .649
50								.206 .112 104 .177 .333 .449		.206 .112 104 .177 .333 .449
45			.230 .104 22 .214 .331 .452		.178 .143 10 .158 .269 .485	.355 .194 5 .270 .514 .688	.197 .121 42 .160 .351 .472	.176 .107 116 .155 .289 .473		.191 .119 195 .171 .318 .504
40						.139 .089 97 .118 .211 .371		.154 .078 19 .156 .215 .315		.142 .088 116 .112 .212 .363
35			.124 .082 26 .104 .156 .373			.101 .060 17 .095 .125 .248				.114 .075 43 .097 .143 .324
30		.068 .004 5 .067 .071 .075	.064 .028 19 .062 .095 .110			.098 .064 32 .083 .117 .291				.084 .054 56 .059 .106 .267
25										
20		.077 .038 19 .069 .107 .163			.073 1		.039 .014 10 .041 .047 .060			.064 .036 30 .056 .088 .160
15										
10		.039 1				.041 .021 9 .037 .063 .067				.041 .020 10 .036 .063 .066
5										
0										
5				.033 .012 2 .033 .040 .044			.076 .032 3 .063 .102 .118			.059 .033 5 .045 .084 .115
10										
15										
20										
25										
30										
35										
40			.334 .154 76 .345 .447 .671							.334 .154 76 .345 .447 .671
45S				.532 .142 2 .532 .629 .668						.532 .142 2 .532 .629 .668

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.663 .276 7 .800 .882 1.002					.663 .276 7 .800 .882 1.002
60						.463 .225 42 .402 .648 1.059				.463 .225 42 .402 .648 1.059
55						.290 .140 38 .296 .435 .547	.391 .200 60 .352 .569 .889	.273 .167 21 .202 .395 .689		.338 .185 119 .311 .495 .787
50								.255 .138 104 .229 .407 .554		.255 .138 104 .229 .407 .554
45			.293 .133 22 .271 .428 .565		.209 .152 10 .171 .349 .510	.337 .261 5 .217 .479 .805	.236 .135 42 .209 .421 .532	.210 .122 116 .186 .337 .551		.228 .137 195 .200 .369 .572
40						.176 .113 97 .149 .277 .468		.202 .094 19 .215 .301 .346		.180 .110 116 .142 .280 .464
35			.144 .102 26 .113 .188 .427			.104 .048 17 .099 .138 .210				.128 .087 43 .108 .162 .363
30		.078 .009 5 .074 .085 .093	.073 .032 19 .067 .109 .130			.116 .083 32 .090 .159 .370				.098 .068 56 .088 .127 .331
25										
20		.083 .045 19 .077 .125 .186			.085 1		.044 .018 10 .045 .058 .063			.070 .041 30 .058 .089 .183
15										
10		.039 1				.047 .021 9 .046 .072 .078				.046 .020 10 .045 .069 .078
5										
0										
5				.034 .014 2 .034 .043 .046			.085 .026 3 .073 .106 .119			.064 .033 5 .061 .090 .117
10										
15										
20										
25										
30										
35										
40			.366 .145 76 .382 .523 .616							.366 .145 76 .377 .523 .616
45S				.479 .060 2 .479 .520 .537						.479 .060 2 .479 .520 .537

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.870 .373 7 .957 1.278 1.339					.870 .373 7 .957 1.278 1.339
60						.565 .243 42 .494 .767 1.132				.565 .243 42 .494 .767 1.132
55						.376 .195 38 .407 .546 .761	.485 .231 60 .452 .703 1.116	.369 .184 21 .323 .526 .850		.430 .220 119 .409 .620 .943
50								.325 .170 104 .274 .514 .734		.325 .170 104 .274 .514 .734
45			.360 .159 22 .318 .562 .668		.289 .228 10 .182 .608 .665	.337 .182 5 .270 .484 .640	.272 .148 42 .209 .455 .561	.268 .142 116 .236 .402 .644		.282 .155 195 .245 .448 .666
40						.242 .189 97 .203 .350 .580		.247 .088 19 .254 .339 .404		.243 .177 116 .200 .343 .555
35			.162 .110 26 .128 .202 .472			.104 .047 17 .112 .150 .182				.139 .095 43 .118 .183 .425
30		.105 .024 5 .112 .127 .138	.081 .034 19 .075 .120 .146			.116 .064 32 .098 .164 .258				.103 .055 56 .071 .140 .255
25										
20		.098 .057 19 .084 .144 .229			.116 1		.054 .024 10 .051 .081 .093			.084 .052 30 .070 .116 .228
15										
10		.040 1				.053 .031 9 .045 .090 .108				.051 .030 10 .039 .083 .108
5										
0										
5				.035 .013 2 .035 .044 .047			.089 .028 3 .072 .111 .127			.068 .035 5 .067 .093 .124
10										
15										
20										
25										
30										
35										
40			.416 .189 76 .445 .598 .891							.416 .189 76 .445 .598 .891
45S				.475 .064 2 .475 .518 .535						.475 .064 2 .475 .518 .535

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	MEAN
70N									
65					1.088 .448 7 1.255 1.520 1.556				1.088 .448 7 1.255 1.520 1.556
60						.685 .258 42 .673 .899 1.264			.685 .258 42 .673 .899 1.264
55						476 240 38 499 661 999	595 250 60 622 774 1.253	452 221 21 362 620 1.046	532 250 119 509 736 1.115
50								424 190 104 383 608 912	424 190 104 383 608 912
45			446 188 22 413 646 864		335 246 10 245 688 728	474 143 5 474 570 705	352 187 42 308 559 735	353 176 116 311 518 766	366 187 195 319 567 852
40						289 155 97 252 474 645		332 119 19 311 457 524	296 151 116 243 474 619
35			193 145 26 140 271 608			142 084 17 130 177 354			173 127 43 139 245 526
30		133 041 5 150 169 184	095 037 19 089 140 174			144 106 32 112 182 438			127 088 56 079 174 381
25									
20		112 070 19 096 162 277			147 1		075 033 10 068 091 139		101 062 30 076 151 271
15									
10		041 1				056 032 9 048 097 112			055 031 10 043 089 112
5									
0									
5				038 013 2 038 046 050			092 033 3 072 118 136		070 038 5 066 096 134
10									
15									
20									
25									
30									
35									
40			471 238 76 421 659 978						471 238 76 421 659 978
45S				644 053 2 644 680 695					644 053 2 644 680 695

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 510

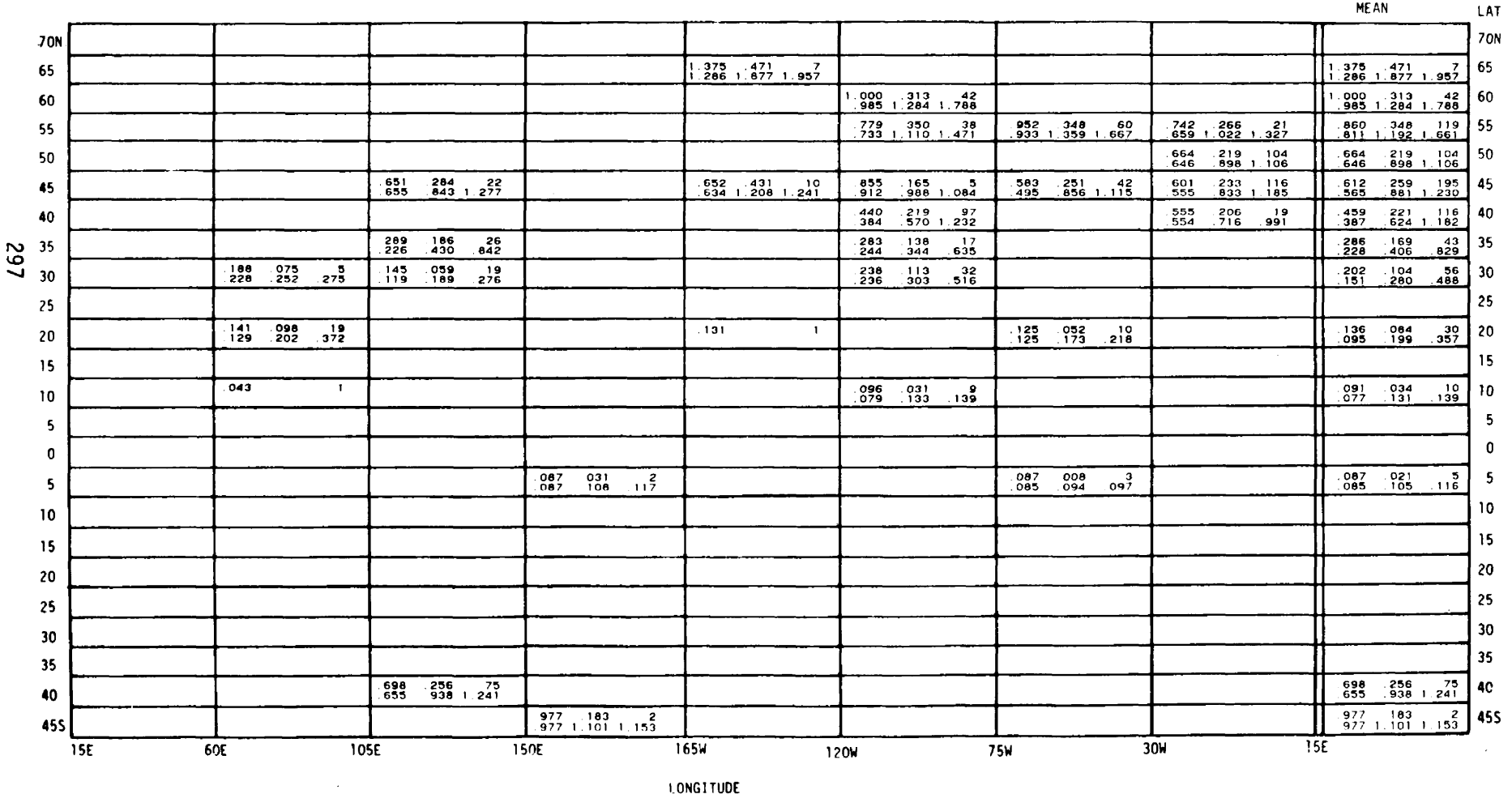
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.264 .488 7 1.353 1.816 1.906					1.264 .488 7 1.353 1.816 1.906
60						.796 .281 42 .821 1.040 1.452				.796 .281 42 .821 1.040 1.452
55						.622 .300 38 .581 .896 1.268	.749 .280 60 .706 1.021 1.405	.602 .247 21 .546 .791 1.184		.682 .289 119 .656 .984 1.375
50								.529 .212 104 .502 .692 1.051		.529 .212 104 .502 .692 1.051
45			.532 .221 22 .538 .728 1.008		.461 .346 10 .308 .946 1.037	.655 .114 5 .670 .745 .816	.457 .219 42 .408 .642 1.030	.460 .204 116 .407 .676 .908		.472 .221 195 .416 .693 1.037
40						.355 .175 97 .306 .512 .836		.433 .176 19 .425 .590 .767		.368 .177 116 .307 .528 .822
35			.234 .158 26 .170 .367 .688			.196 .112 17 .173 .342 .383				.219 .142 43 .173 .358 .670
30		.161 .058 5 .189 .210 .229	.113 .044 19 .099 .158 .209			.180 .116 32 .154 .249 .527				.156 .098 56 .105 .214 .408
25										
20		.127 .084 19 .112 .184 .325			.155 1		.093 .048 10 .088 .117 .195			.116 .074 30 .081 .181 .314
15										
10		.042 1				.072 .030 9 .060 .098 .122				.069 .030 10 .058 .098 .122
5										
0										
5				.050 .023 2 .050 .066 .072			.082 .019 3 .076 .098 .107			.069 .026 5 .073 .088 .105
10										
15										
20										
25										
30										
35										
40			.556 .241 75 .518 .786 1.095							.556 .241 75 .518 .786 1.095
45S				.850 .079 2 .850 .904 .926						.850 .079 2 .850 .904 .926

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 530



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.613 .478 7 1.603 2.101 2.152					1.613 .478 7 1.603 2.101 2.152
60						1.259 .375 42 1.212 1.514 2.235				1.259 .375 42 1.212 1.514 2.235
55						.926 .303 38 .908 1.237 1.477	1.201 .356 60 1.149 1.643 1.798	1.004 .284 21 .923 1.169 1.695		1.078 .352 119 1.040 1.473 1.780
50								.876 .229 104 .853 1.085 1.409		.876 .229 104 .853 1.085 1.409
45			.844 .353 22 .855 1.194 1.557		.933 .591 10 .894 1.576 1.923	1.076 .258 5 .950 1.325 1.490	.794 .250 42 .772 1.073 1.313	.781 .240 116 .739 1.014 1.411		.806 .291 195 .761 1.077 1.503
40						.625 .233 97 .598 .780 1.293		.728 .230 19 .733 .906 1.207		.642 .235 116 .570 .786 1.260
35			.385 .198 26 .290 .619 .888			.461 .193 17 .399 .544 .960				.415 .200 43 .374 .581 .912
30		.224 .098 5 .232 .317 .359	.230 .107 19 .181 .332 .465			.339 .129 32 .327 .435 .665				.292 .131 56 .241 .401 .596
25										
20		.190 .123 19 .168 .269 .480			.174 1		.216 .062 10 .209 .253 .342			.198 .105 30 .145 .259 .446
15										
10		.044 1				.119 .033 9 .114 .152 .173				.111 .039 10 .110 .151 .173
5										
0										
5				.179 .069 2 .179 .225 .244			.152 .014 3 .146 .163 .170			.163 .046 5 .146 .198 .241
10										
15										
20										
25										
30										
35										
40			.863 .257 75 .854 1.202 1.327							.863 .257 75 .854 1.202 1.327
45S				1.182 .247 2 1.182 1.349 1.418						1.182 .247 2 1.182 1.349 1.418

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.686 .363 7 1.720 2.018 2.082					1.686 .363 7 1.720 2.018 2.082
60						1.540 .371 41 1.505 1.774 2.438				1.540 .371 41 1.505 1.774 2.438
55						1.135 .301 38 1.134 1.476 1.613	1.414 .351 60 1.381 1.781 2.123	1.286 .304 21 1.307 1.453 2.055		1.302 .350 119 1.307 1.621 2.113
50								1.062 .251 104 1.060 1.263 1.585		1.062 .251 104 1.060 1.263 1.585
45			1.017 .370 22 .993 1.349 1.825		1.147 .524 10 1.227 1.658 1.980	1.121 .115 5 1.065 1.233 1.305	1.070 .283 42 1.005 1.356 1.665	.981 .241 116 .960 1.218 1.514		1.017 .290 195 .984 1.299 1.717
40						.834 .265 97 .767 1.065 1.576		.953 .248 19 .999 1.180 1.337		.853 .266 118 .756 1.093 1.512
35			.504 .185 26 .445 .710 .910			.605 .234 17 .520 .828 1.110				.544 .211 43 .465 .789 1.054
30		.341 .154 5 .360 .490 .543	.369 .174 19 .305 .626 .701			.512 .141 32 .489 .613 .850				.448 .171 56 .412 .614 .759
25										
20		.295 .134 19 .293 .366 .628			.302 1		.346 .065 10 .323 .420 .468			.313 .115 30 .257 .390 .577
15										
10		.151 1				.195 .041 9 .184 .237 .273				.191 .041 10 .184 .227 .272
5										
0										
5				.272 .109 2 .272 .345 .376			.221 .050 3 .202 .262 .286			.241 .083 5 .202 .322 .373
10										
15										
20										
25										
30										
35										
40			1.106 .291 75 1.081 1.323 1.983							1.106 .291 75 1.081 1.323 1.983
45S				1.471 .227 2 1.471 1.625 1.688						1.471 .227 2 1.471 1.625 1.688

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

OCTOBER
FL 590

300

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.856 .306 7 1.966 2.124 2.194					1.856 .306 7 1.966 2.124 2.194
60						1.846 .337 41 1.764 2.116 2.679				1.846 .337 41 1.764 2.116 2.679
55						1.357 .316 38 1.328 1.627 2.045	1.666 .342 60 1.664 2.046 2.367	1.537 .335 21 1.553 1.731 2.328		1.545 .360 119 1.503 1.883 2.351
50								1.270 .283 104 1.266 1.522 1.880		1.270 .283 104 1.266 1.522 1.880
45			1.159 .330 22 1.117 1.456 1.832		1.455 .427 10 1.359 1.882 2.176	1.418 .281 5 1.305 1.551 1.920	1.363 .301 42 1.347 1.711 1.955	1.217 .244 115 1.198 1.433 1.746		1.260 .293 194 1.160 1.516 1.934
40						1.050 .305 97 .979 1.331 1.809		1.223 .260 19 1.263 1.445 1.665		1.079 .305 116 .989 1.362 1.791
35			.683 .161 26 .671 .814 1.002			.797 .259 17 .698 1.024 1.361				.728 .213 43 .678 .912 1.260
30		.500 .225 5 .487 .744 .767	.545 .199 19 .505 .716 .980			.721 .206 32 .686 .836 1.258				.641 .225 56 .586 .802 1.070
25										
20		.458 .155 19 .431 .545 .830			.431 1		.539 .114 10 .508 .637 .748			.484 .145 30 .414 .619 .836
15										
10		.274 1				.366 .105 9 .345 .496 .530				.357 .103 10 .330 .485 .530
5										
0										
5				.409 .106 2 .409 .480 .510			.336 .058 3 .351 .383 .396			.365 .088 5 .351 .440 .505
10										
15										
20										
25										
30										
35										
40			1.400 .313 75 1.374 1.715 2.019							1.400 .313 75 1.374 1.715 2.019
45S				1.760 .207 2 1.760 1.900 1.958						1.760 .207 2 1.760 1.900 1.958

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 190

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.044 .017 8 .043 .063 .063					.044 .017 8 .043 .063 .063
60						.045 .016 34 .043 .055 .091				.045 .016 34 .043 .055 .091
55						.041 .011 35 .040 .051 .066	.037 .012 54 .040 .047 .058	.035 .013 29 .032 .047 .067		.038 .012 118 .036 .048 .061
50								.057 .106 123 .042 .061 .086		.057 .106 123 .042 .061 .086
45			.046 .009 24 .045 .054 .065		.024 .010 10 .020 .034 .043	.035 .016 13 .038 .053 .056	.046 .020 46 .049 .060 .083	.038 .009 147 .039 .047 .058		.040 .013 240 .039 .051 .069
40						.046 .019 90 .043 .061 .105		.037 .010 18 .039 .042 .056		.044 .018 108 .039 .060 .101
35			.046 .009 26 .046 .056 .064			.028 .013 11 .023 .036 .057				.041 .013 37 .045 .053 .063
30		.041 .008 4 .043 .048 .051	.047 .013 17 .047 .061 .071			.042 .015 40 .042 .053 .069				.043 .014 61 .043 .053 .071
25										
20		.037 .012 14 .035 .050 .060			.012 1		.032 .012 9 .031 .040 .055			.034 .013 24 .028 .047 .060
15										
10		.043 1				.020 .011 11 .017 .025 .046				.022 .013 12 .018 .035 .048
5										
0										
5				.016 .005 2 .016 .019 .021			.051 1			.028 .017 3 .021 .041 .050
10										
15										
20										
25										
30										
35						.030 1				.030 1
40			.046 .015 60 .044 .057 .084				.031 1			.046 .015 61 .044 .057 .084
45S				.057 1		.026 1				.042 .016 2 .042 .052 .056

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 210

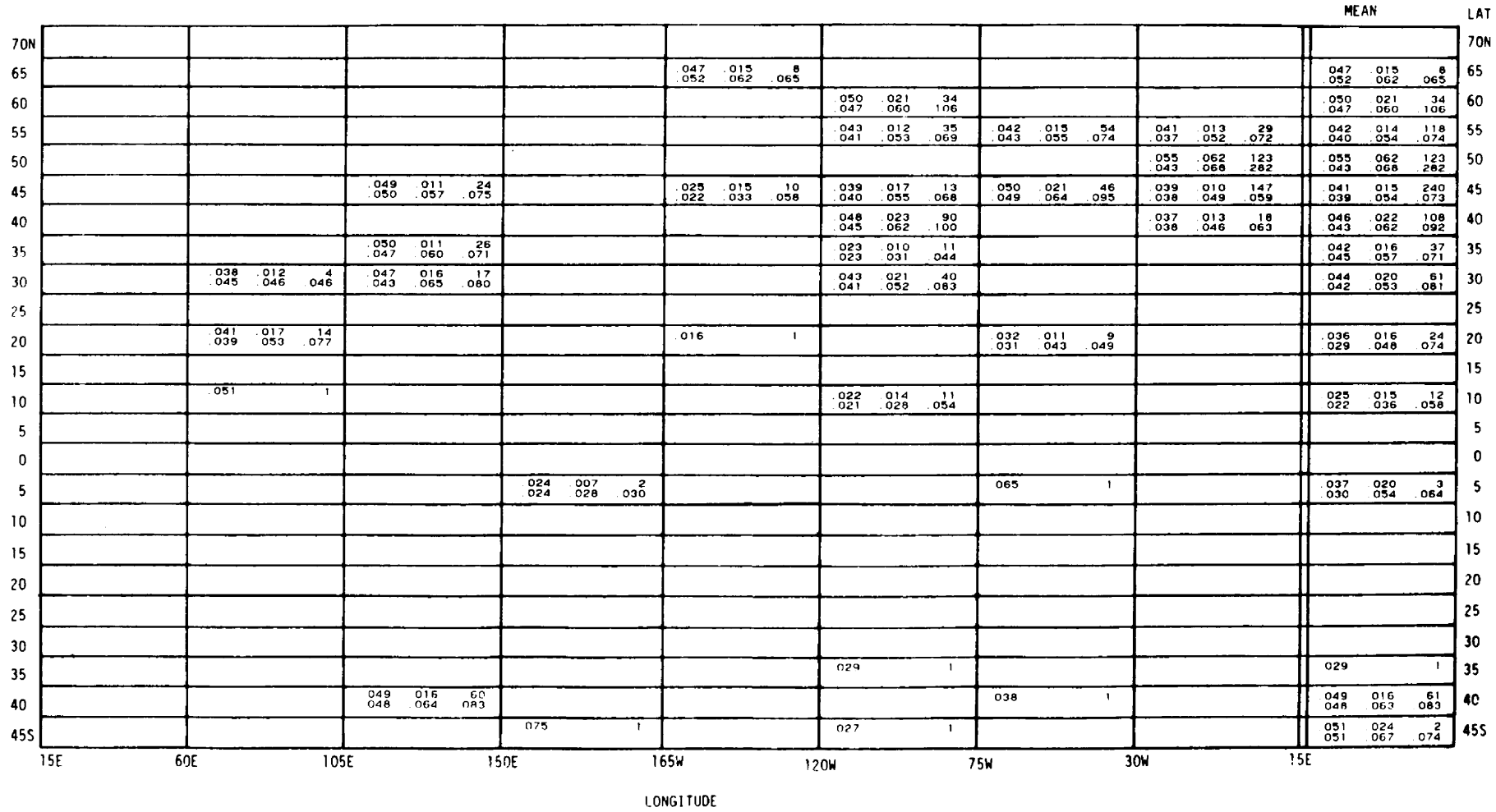
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.046 .049 .015 .063 8 .065					.046 .049 .015 .063 8 .065
60						.046 .044 .017 .062 34 .088				.046 .044 .017 .062 34 .088
55						.042 .041 .011 .052 35 .067	.039 .042 .013 .049 54 .065	.038 .035 .013 .049 29 .070		.040 .038 .012 .050 118 .071
50								.055 .042 .070 .065 123 .229		.055 .042 .070 .065 123 .229
45			.048 .047 .010 .055 24 .070		.026 .023 .009 .035 10 .039	.036 .039 .015 .050 13 .061	.048 .049 .018 .062 46 .088	.039 .039 .009 .047 147 .056		.041 .039 .013 .052 240 .072
40						.047 .043 .022 .061 90 .119		.037 .039 .012 .044 18 .059		.045 .040 .021 .060 108 .110
35			.048 .046 .010 .057 26 .067			.029 .025 .012 .040 11 .051				.042 .043 .014 .054 37 .066
30		.040 .044 .010 .047 4 .048	.047 .046 .015 .062 17 .076			.044 .041 .019 .052 40 .079				.044 .043 .017 .053 61 .078
25										
20		.039 .035 .014 .052 14 .069			.014 1		.033 .032 .012 .038 9 .058			.036 .029 .014 .048 24 .068
15										
10		.047 1				.021 .020 .013 .024 11 .051				.023 .020 .014 .030 12 .055
5										
0										
5				.020 .020 .006 .024 2 .026			.058 1			.033 .026 .019 .048 3 .057
10										
15										
20										
25										
30										
35						.029 1				.029 1
40			.048 .045 .015 .061 60 .085				.025 1			.047 .045 .015 .061 61 .084
45S				.066 1		.026 1				.046 .046 .020 .060 2 .065

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 230



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 250

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.048 .046 .015 .063 8 071					.048 .046 .015 .063 8 071				
60	.053 .052 .023 .071 34 116						.053 .052 .023 .071 34 116			
55	.045 .042 .017 .058 118 086						.044 .042 .013 .052 35 075	.047 .045 .021 .060 54 119	.044 .042 .014 .056 29 074	
50	.057 .043 .071 .070 123 198								.057 .043 .071 .070 123 198	
45	.045 .040 .022 .057 240 106			.051 .051 .013 .059 24 081		.034 .027 .026 .042 10 094	.043 .041 .033 .055 13 125	.057 .052 .033 .073 46 148	.041 .039 .013 .052 147 080	
40	.046 .041 .022 .065 108 098						.049 .046 .022 .066 90 102		.036 .037 .015 .047 18 064	
35	.045 .045 .018 .064 37 075			.053 .050 .012 .067 26 076			.025 .023 .013 .037 11 050			
30	.045 .044 .023 .059 61 076		.040 .047 .013 .048 4 049	.048 .046 .015 .065 17 076			.045 .041 .026 .053 40 093			
25										
20	.037 .030 .016 .048 24 078		.041 .039 .018 .054 14 080			.018 1		.032 .033 .011 .044 9 048		
15										
10	.025 .021 .014 .033 12 054		.055 1				.022 .020 .010 .025 11 046			
5										
0										
5	.040 .035 .022 .058 3 068				.025 .025 .010 .032 2 035			.069 1		
10										
15										
20										
25										
30										
35	.028 1						.028 1			
40	.053 .051 .017 .069 61 092			.053 .051 .017 .069 60 092				.083 1		
45S	.053 .053 .025 .070 2 077				.078 1		.028 1			

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 270

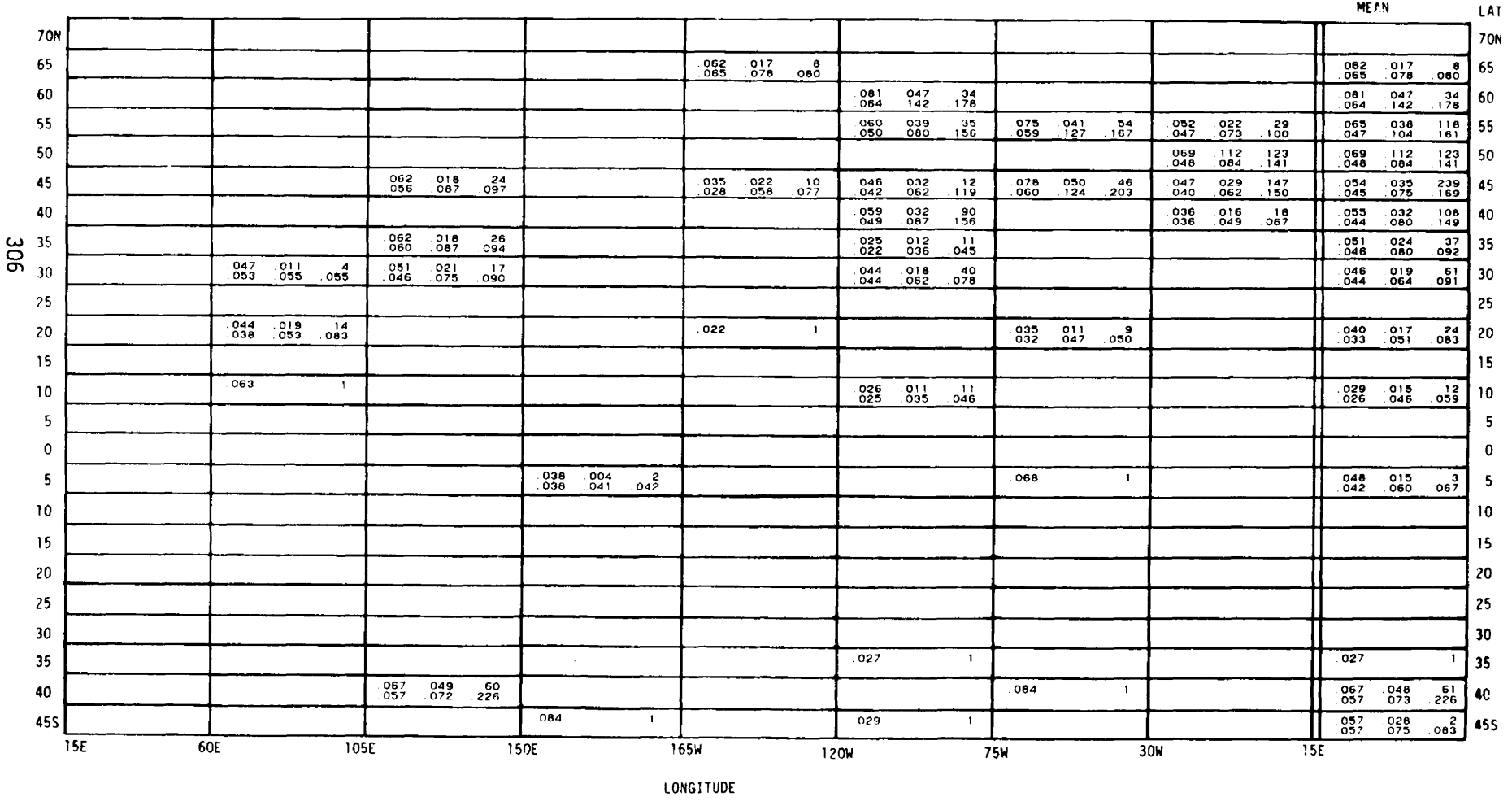
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.053 .053 .015 .067 8 .077					.053 .053 .015 .067 8 .077
60						.063 .055 .032 .088 34 .139				.063 .055 .032 .088 34 .139
55						.048 .046 .017 .059 35 .089	.057 .049 .030 .077 54 .136	.048 .045 .017 .068 29 .081		.052 .044 .024 .071 118 .120
50								.061 .045 .090 .074 123 .131		.061 .045 .090 .074 123 .131
45			.053 .052 .013 .062 24 .084		.033 .027 .017 .046 10 .070	.046 .044 .035 .055 13 .131	.063 .057 .036 .086 46 .152	.044 .040 .020 .055 147 .111		.048 .041 .026 .063 240 .136
40						.052 .046 .025 .074 90 .107		.037 .037 .014 .048 18 .065		.049 .043 .024 .071 108 .105
35			.056 .053 .014 .071 26 .080			.024 .019 .012 .034 11 .045				.046 .045 .020 .070 37 .080
30		.044 .050 .012 .052 4 .052	.050 .048 .018 .068 17 .086			.043 .042 .022 .055 40 .085				.045 .044 .021 .061 61 .088
25										
20		.041 .036 .018 .054 14 .081			.020 1		.033 .030 .009 .042 9 .047			.037 .030 .016 .049 24 .080
15										
10		.059 1				.023 .019 .010 .028 11 .044				.026 .022 .014 .034 12 .057
5										
0										
5				.048 .048 .008 .053 2 .056			.070 1			.055 .056 .012 .066 3 .069
10										
15										
20										
25										
30										
35						.027 1				.027 1
40			.059 .052 .028 .073 60 .149				.020 1			.059 .052 .028 .072 61 .149
45S				.081 1		.028 1				.055 .055 .027 .073 2 .080

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 290



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 310

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.088 .054 8 .076 .105 .202					.088 .054 8 .076 .105 .202
60						.105 .065 34 .087 .172 .245				.105 .065 34 .087 .172 .245
55						.070 .057 35 .048 .116 .228	.106 .062 54 .088 .173 .220	.061 .030 29 .058 .083 .144		.084 .058 118 .051 .142 .219
50								.080 .119 122 .054 .106 .195		.080 .119 122 .054 .106 .195
45			.084 .046 24 .069 .122 .200		.049 .035 10 .039 .074 .125	.058 .045 12 .048 .080 .165	.097 .073 46 .064 .190 .254	.055 .037 145 .044 .078 .179		.066 .051 237 .048 .099 .239
40						.070 .056 90 .053 .109 .191		.037 .017 18 .038 .048 .075		.065 .053 108 .045 .101 .182
35			.068 .021 26 .065 .089 .113			.030 .018 11 .030 .036 .071				.057 .027 37 .050 .083 .112
30		.050 .013 4 .056 .059 .059	.052 .022 17 .053 .074 .088			.049 .022 40 .048 .062 .098				.050 .022 61 .050 .063 .090
25										
20		.046 .019 14 .047 .054 .086			.021 1		.033 .012 9 .031 .046 .050			.040 .018 24 .032 .052 .085
15										
10		.075 1				.029 .011 11 .030 .041 .045				.033 .016 12 .030 .043 .068
5										
0										
5				.026 .016 2 .026 .036 .040			.067 1			.039 .023 3 .041 .059 .066
10										
15										
20										
25										
30										
35						.022 1				.022 1
40			.081 .074 60 .061 .090 .327				.186 1			.083 .075 61 .061 .090 .326
45S				.087 1		.032 1				.060 .028 2 .060 .078 .086

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.116 .081 8 .094 .152 280					.116 .081 8 .094 .152 280
60						.139 .092 35 .143 .211 .350				.139 .092 35 .143 .211 .350
55						.088 .071 35 .064 .154 277	.153 .078 54 .150 .242 .301	.079 .041 29 .072 .106 .186		.115 .077 118 .065 .205 294
50								.096 .112 122 .073 .147 .226		.096 .112 122 .073 .147 .226
45			.107 .068 24 .080 .181 .272		.079 .058 10 .069 .103 210	.065 .057 13 .053 .080 194	.120 .095 46 .070 .242 .321	.066 .052 145 .047 .110 .216		.081 .068 238 .048 .138 .283
40						.078 .055 90 .056 .136 .239		.042 .021 18 .042 .054 .089		.072 .053 108 .053 .123 .233
35			.075 .025 26 .067 .100 .131			.043 .034 11 .036 .056 .121				.065 .032 37 .060 .100 .136
30		.053 .014 4 .060 .064 .065	.053 .022 17 .054 .080 .084			.055 .031 40 .054 .068 .118				.054 .028 61 .054 .070 .091
25										
20		.048 .020 14 .048 .063 087			.017 1		.030 .010 9 .030 .039 .041			.040 .019 24 .033 .057 .085
15										
10		.088 1				.032 .013 11 .037 .043 .051				.037 .020 12 .036 .046 .080
5										
0										
5				.025 .014 2 .025 .034 .037			.070 1			.040 .024 3 .038 .060 .069
10										
15										
20										
25										
30										
35						.093 1				.093 1
40			.103 .089 60 .072 .144 .338				.279 1			.106 .091 61 .072 .158 .338
45S				.089 1		.037 1				.063 .026 2 .063 .081 .088

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.184 .118 8 .104 .319 .362					.164 .118 8 .104 .319 .362
60						.190 .110 35 .189 .293 .412				.190 .110 35 .189 .293 .412
55						.108 .082 35 .084 .184 .284	.190 .096 54 .193 .294 .391	.103 .051 29 .096 .161 .195		.144 .093 118 .100 .227 .376
50								.116 .111 122 .095 .187 .276		.116 .111 122 .094 .187 .276
45			.139 .082 24 .105 .234 .324		.113 .100 10 .099 .131 .350	.074 .063 13 .068 .096 .224	.143 .114 46 .083 .281 .394	.084 .065 146 .062 .147 .270		.102 .084 239 .071 .179 .353
40						.090 .068 90 .066 .175 .259		.055 .028 18 .056 .070 .120		.084 .065 108 .060 .154 .246
35			.084 .036 26 .071 .115 .173			.054 .047 11 .048 .069 .162				.075 .042 37 .065 .107 .181
30		.056 .015 4 .063 .068 .069	.056 .024 17 .054 .080 .098			.061 .043 40 .058 .078 .143				.059 .038 61 .057 .078 .102
25										
20		.051 .022 14 .050 .076 .090			.012 1		.035 .006 9 .036 .040 .044			.043 .020 24 .034 .061 .088
15										
10		.101 1				.032 .014 11 .030 .043 .058				.038 .023 12 .034 .049 .092
5										
0										
5				.024 .012 2 .024 .031 .035			.073 1			.040 .025 3 .035 .061 .071
10										
15										
20										
25										
30										
35						.229 1				229 1
40			.137 .104 60 .104 .225 .355				.439 1			.142 .110 61 .104 .234 .424
45S				.124 1		.065 1				.095 .030 2 .095 .115 .123

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.214 .167 8 .143 .327 .490					.214 .167 8 .143 .327 .490
60						.237 .252 35 .114 .358 .424				.237 .252 35 .114 .358 .424
55						.131 .130 35 .086 .216 .295	.226 .234 54 .108 .332 .434	.139 .127 29 .075 .229 .290		.177 .139 118 .105 .275 .417
50								.147 .125 122 .123 .232 .383		.147 .125 122 .123 .232 .383
45			.176 .168 24 .086 .265 .361		.148 .110 10 .116 .195 .413	.100 .096 12 .066 .136 .246	.177 .113 46 .129 .350 .457	.110 .090 146 .079 .186 .295		.130 .084 238 .098 .216 .396
40						.104 .075 90 .080 .209 .312		.072 .065 18 .039 .103 .163		.099 .069 108 .076 .190 .305
35			.097 .079 26 .048 .145 .206			.054 .066 11 .031 .086 .092				.084 .074 37 .048 .123 .205
30		.059 .067 4 .017 .072 .072	.062 .064 17 .024 .091 .096			.067 .062 40 .040 .092 .149				.065 .063 61 .035 .091 .115
25										
20		.055 .053 14 .023 .088 .093			.008 1		.034 .037 9 .011 .044 .047			.045 .037 24 .023 .063 .093
15										
10		.114 1				.039 .036 11 .025 .048 .099				.046 .037 12 .032 .070 .113
5										
0										
5				.023 .023 2 .009 .029 .032			.077 1			.041 .032 3 .026 .063 .075
10										
15										
20										
25										
30										
35						.375 1				.375 1
40			.176 .154 60 .111 .284 .379				.398 1			.179 .155 61 .114 .299 .395
45S				.175 1		.112 1				.144 .144 2 .032 .165 .174

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.237 .115 8 .209 .274 .479					.237 .115 8 .209 .274 .479
60						.286 .126 35 .285 .436 .496				.286 .126 35 .285 .436 .496
55						.162 .100 35 .138 .261 .402	.261 .129 54 .264 .399 .496	.180 .088 28 .179 .276 .348		.212 .121 117 .196 .333 .496
50								.177 .129 123 .151 .287 .482		.177 .129 123 .151 .287 .482
45			.210 .104 24 .183 .328 .432		.206 .134 10 .171 .383 .429	.120 .077 13 .126 .166 .275	.218 .146 46 .160 .380 .525	.136 .095 147 .113 .243 .352		.161 .115 240 .107 .272 .469
40						.120 .088 90 .091 .213 .366		.090 .051 18 .083 .130 .210		.115 .083 108 .084 .203 .358
35			.105 .047 26 .097 .164 .195			.065 .035 11 .064 .094 .128				.093 .047 37 .086 .149 .193
30		.062 .018 4 .070 .076 .076	.065 .026 17 .061 .097 .103			.068 .032 40 .063 .095 .132				.067 .030 61 .063 .095 .125
25										
20		.062 .025 14 .061 .094 .104			.007 1		.043 .010 9 .048 .051 .053			.052 .024 24 .041 .069 .104
15										
10		.128 1				.032 .014 11 .025 .049 .056				.040 .030 12 .028 .054 .112
5										
0										
5				.022 .008 2 .022 .027 .030			.080 1			.041 .028 3 .030 .064 .078
10										
15										
20										
25										
30										
35						.436 1				.436 1
40			.217 .126 60 .187 .319 .554				.321 1			.219 .126 61 .189 .325 .551
45S				.276 1		.271 1				.274 .003 2 .274 .275 .276

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.373 .334 .181 .453 8 .732					.373 .334 .181 .453 8 .732
60						.382 .385 .164 .556 35 .677				.382 .385 .164 .556 35 .677
55						.214 .203 .115 .317 35 .458	.284 .262 .142 .428 54 .576	.239 .242 .105 .341 26 .431		.252 .235 .130 .389 117 .570
50								.222 .188 .136 .365 123 .539		.222 .188 .136 .365 123 .539
45			.246 .223 .110 .380 24 .457		.229 .198 .137 .387 10 .451	.157 .179 .090 .211 13 .340	.281 .239 .174 .479 46 .640	.175 .150 .111 .276 146 .435		.204 .184 .133 .315 239 .591
40						.138 .105 .096 .244 90 .400		.131 .113 .077 .197 18 .318		.137 .097 .093 .233 108 .394
35			.121 .107 .059 .176 26 .253			.083 .068 .059 .114 11 .213				.110 .098 .061 .174 37 .256
30		.067 .074 .021 .083 4 .087	.068 .064 .029 .095 17 .127			.081 .072 .036 .121 39 .161				.076 .067 .034 .116 60 .156
25										
20		.070 .068 .029 .103 14 .121			.023 1		.045 .045 .011 .055 9 .058			.059 .047 .027 .082 24 .120
15										
10		.150 1				.036 .029 .016 .046 11 .071				.045 .033 .035 .055 12 .134
5										
0										
5				.023 .023 .009 .028 2 .031			.085 1			.043 .031 .030 .068 3 .083
10										
15										
20										
25										
30										
35						461 1				.461 1
40			.228 .211 .109 .320 60 .512				.437 1			.231 .212 .112 .327 61 .512
45S				.456 1		278 1				.367 .367 .089 .428 2 .452

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 430

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.400 .350 .184 .456 8 .781					.400 .184 8 .350 .456 .781				
60	.425 .415 .191 .643 35 .826						.425 .191 35 .415 .643 .826			
55	.307 .280 .165 .453 117 .703						.268 .139 35 .252 .401 .559	.343 .191 54 .313 .486 .718	.287 .121 28 .274 .375 .551	
50	.254 .229 .142 .400 123 .569								.254 .142 123 .229 .400 .569	
45	.246 .219 .149 .374 239 .639			.300 .134 24 .281 .439 .596		.292 .201 10 .191 .486 .694	.177 .102 13 .146 .243 .403	.329 .166 46 .319 .500 .650	.214 .129 146 .193 .332 .527	
40	.162 .120 .103 .268 108 .435						.159 .106 90 .125 .279 .437		.175 .083 18 .159 .217 .386	
35	.133 .120 .073 .194 37 .303			.140 .069 26 .126 .194 .306			.115 .079 11 .100 .181 .260			
30	.088 .068 .044 .124 60 .191		.079 .012 4 .078 .090 .096	.073 .029 17 .073 .107 .123			.095 .049 39 .086 .153 .201			
25										
20	.067 .049 .030 .094 24 .137		.079 .034 14 .076 .112 .140			.040 1		.051 .010 9 .055 .057 .060		
15										
10	.047 .030 .041 .059 12 .149		.171 1				.035 .016 11 .030 .054 .067			
5										
0										
5	.045 .032 .032 .071 3 .087				.023 .010 2 .023 .029 .032			.089 1		
10										
15										
20										
25										
30										
35	.433 1						433 1			
40	263 .271 .368 61 .567			261 124 60 268 361 .567				.421 1		
45S	314 .314 .071 .362 2 .382				385 1		242 1			

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.560 .219 8 .535 .703 .971					.560 .219 8 .535 .703 .971
60						.506 .237 35 .472 .774 .962				.506 .237 35 .472 .774 .962
55						.354 .202 35 .312 .478 .848	.438 .250 54 .391 .667 1.017	.315 .142 29 .313 .418 .653		.383 .220 118 .240 .572 .982
50								.304 .171 123 .261 .487 .710		.304 .171 123 .261 .487 .710
45			.380 .171 24 .334 .526 .769		.352 .256 10 .223 .568 .899	.216 .107 13 .197 .318 .433	.376 .169 46 .382 .526 .741	.266 .162 146 .232 .414 .636		.299 .175 239 .263 .461 .725
40						.193 .113 90 .160 .299 .458		.215 .101 18 .205 .292 .457		.196 .112 108 .154 .294 .464
35			.160 .073 26 .139 .226 .336			.145 .104 11 .124 .254 .339				.155 .084 37 .129 .231 .368
30	.093 .013 4 .094 .105 .109		.080 .035 17 .076 .108 .154			.109 .064 40 .107 .163 .268				.100 .056 61 .090 .147 .255
25										
20	.089 .038 14 .087 .122 .161				.055 1		.056 .006 9 .055 .063 .068			.076 .034 24 .056 .108 .157
15										
10	.193 1					.041 .024 11 .025 .061 .092				.053 .048 12 .030 .072 .172
5										
0										
5				.024 .011 2 .024 .031 .034			.092 1			.046 .033 3 .034 .073 .090
10										
15										
20										
25										
30										
35						.207 1				.207 1
40			.254 .108 60 .264 .350 .467				.266 1			.254 .107 61 .265 .350 .467
45S				.310 1		.590 1				.450 .140 2 .450 .545 .584

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.720 .278 8 .736 1.022 1.127					.720 .278 8 .736 1.022 1.127
60						.659 .291 35 .626 1.005 1.232				.659 .291 35 .626 1.005 1.232
55						.458 .204 35 .465 .693 .857	.581 .313 54 .505 .903 1.305	.433 .220 29 .407 .600 .967		.508 .271 118 .397 .765 1.194
50								.362 .199 123 .324 .584 .785		.362 .199 123 .324 .584 .785
45			.445 .188 24 .406 .630 .866		.522 .321 10 .402 .818 1.177	.343 .167 13 .330 .540 .594	.452 .191 46 .442 .594 .833	.337 .196 146 .299 .534 .781		.378 .208 239 .351 .571 .916
40						.255 .142 90 .204 .440 .551		.265 .105 18 .244 .354 .502		.257 .137 108 .201 .432 .551
35			.188 .089 26 .152 .268 .399			.169 .123 11 .133 .295 .401				.183 .101 37 .147 .292 .434
30		.111 .024 4 .115 .134 .136	.092 .042 17 .078 .132 .185			.143 .090 40 .126 .205 .364				.126 .080 61 .109 .181 .354
25										
20		.104 .044 14 .105 .136 .198			.069 1		.062 .018 9 .062 .077 .081			.087 .041 24 .067 .121 .187
15										
10		.214 1				.039 .014 11 .031 .056 .061				.053 .050 12 .035 .060 .181
5										
0										
5				.025 .013 2 .025 .033 .037			.090 1			.046 .033 3 .037 .073 .088
10										
15										
20										
25										
30										
35						.195 1				.195 1
40			.279 .115 60 .299 .391 .485				.404 1			.281 .115 61 .299 .394 .485
45S				.355 1		.842 1				.599 .244 2 .599 .764 .832

LONGITUDE

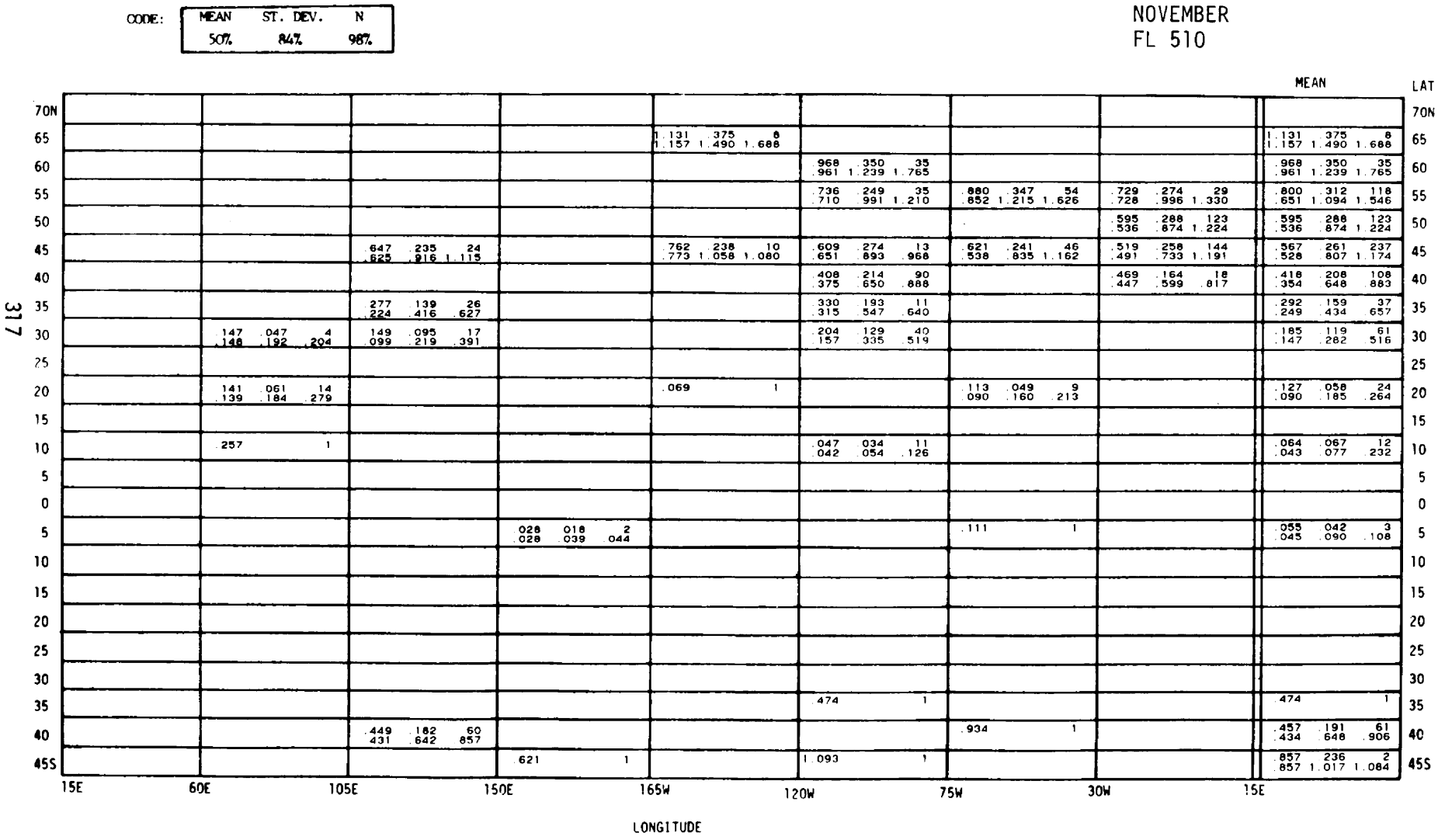
CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.950 .320 8 .960 1.346 1.397					.950 .320 8 .960 1.346 1.397
60						.835 .336 35 .751 1.258 1.617				.835 .336 35 .751 1.258 1.617
55						.571 .211 35 .558 .809 .941	.703 .337 54 .649 1.043 1.502	.603 .248 29 .599 .801 1.167		.639 .290 118 .595 .859 1.417
50								.452 .234 123 .427 .679 1.017		.452 .234 123 .427 .679 1.017
45			.526 .183 24 .546 .673 .911		.638 .352 10 .557 .934 1.376	.460 .249 13 .470 .645 .924	.516 .208 46 .531 .692 .890	.418 .227 145 .385 .631 .944		.460 .235 238 .363 .663 1.039
40						.330 .179 90 .287 .526 .719		.328 .102 18 .330 .420 .531		.330 .169 108 .262 .499 .705
35			.228 .101 26 .203 .346 .454			.265 .168 11 .264 .436 .508				.239 .125 37 .205 .363 .518
30		.129 .035 4 .132 .163 .170	.115 .065 17 .078 .164 .272			.164 .107 40 .135 .231 .431				.148 .096 61 .119 .208 .421
25										
20		.120 .053 14 .110 .170 .236			.079 1		.093 .041 9 .081 .101 .189			.108 .050 24 .080 .154 .234
15										
10		.236 1				.044 .028 11 .040 .052 .107				.060 .059 12 .044 .071 .210
5										
0										
5				.026 .015 2 .026 .036 .040			.092 1			.048 .033 3 .041 .076 .090
10										
15										
20										
25										
30										
35						.268 1				.268 1
40			.345 .149 60 .350 .515 .621				.669 1			.350 .153 61 .352 .522 .660
45S				488 1		1.045 1				.767 .279 2 .767 .956 1.034

LONGITUDE


CODE:
MEAN ST. DEV. N
50% 84% 98%
NOVEMBER
FL 510
MEAN
LAT
70N
65
60
55
50
45
40
35
30
25
20
15
10
5
0
5
10
15
20
25
30
35
40
45S
317
15E
60E
105E
150E
165W
120W
75W
30W
15E
LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 530

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.280 .338 8 1.232 1.566 1.833					1.280 .338 8 1.232 1.566 1.833
60						1.122 .372 35 1.026 1.437 2.076				1.122 .372 35 1.026 1.437 2.076
55						.919 .253 35 .903 1.226 1.337	1.048 .364 54 1.084 1.411 1.766	.858 .269 29 .892 1.098 1.374		.963 .323 118 .769 1.267 1.674
50								.741 .342 123 .653 1.049 1.680		.741 .342 123 .653 1.049 1.680
45			.800 .284 24 .784 1.060 1.363		.790 .213 10 .764 .964 1.211	.830 .342 13 .873 1.112 1.389	.755 .332 46 .691 .998 1.512	.659 .298 144 .585 .941 1.338		.707 .309 237 .645 1.017 1.424
40						.494 .236 90 .478 .710 1.025		.578 .197 18 .569 .717 .981		.508 .232 108 .430 .711 1.012
35			.365 .191 26 .299 .507 .875			.471 .223 11 .440 .749 .791				.396 .206 37 .324 .612 .862
30		.165 .059 4 .164 .221 .238	.183 .096 17 .147 .285 .395			.283 .170 40 .220 .514 .640				.247 .155 61 .199 .373 .637
25										
20		.163 .071 14 .154 .199 .322			.213 1		.119 .046 9 .103 .147 .220			.148 .066 24 .119 .203 .302
15										
10		.279 1				.057 .027 11 .051 .066 .121				.076 .066 12 .054 .083 .247
5										
0										
5				.030 .020 2 .030 .043 .048			.129 1			.063 .050 3 .049 .103 .126
10										
15										
20										
25										
30										
35						.719 1				.719 1
40			.584 .244 60 .563 .831 1.125				1.199 1			.594 .254 61 .567 .840 1.185
45S				.754 1		1.445 1				1.100 .346 2 1.100 1.334 1.431

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 550

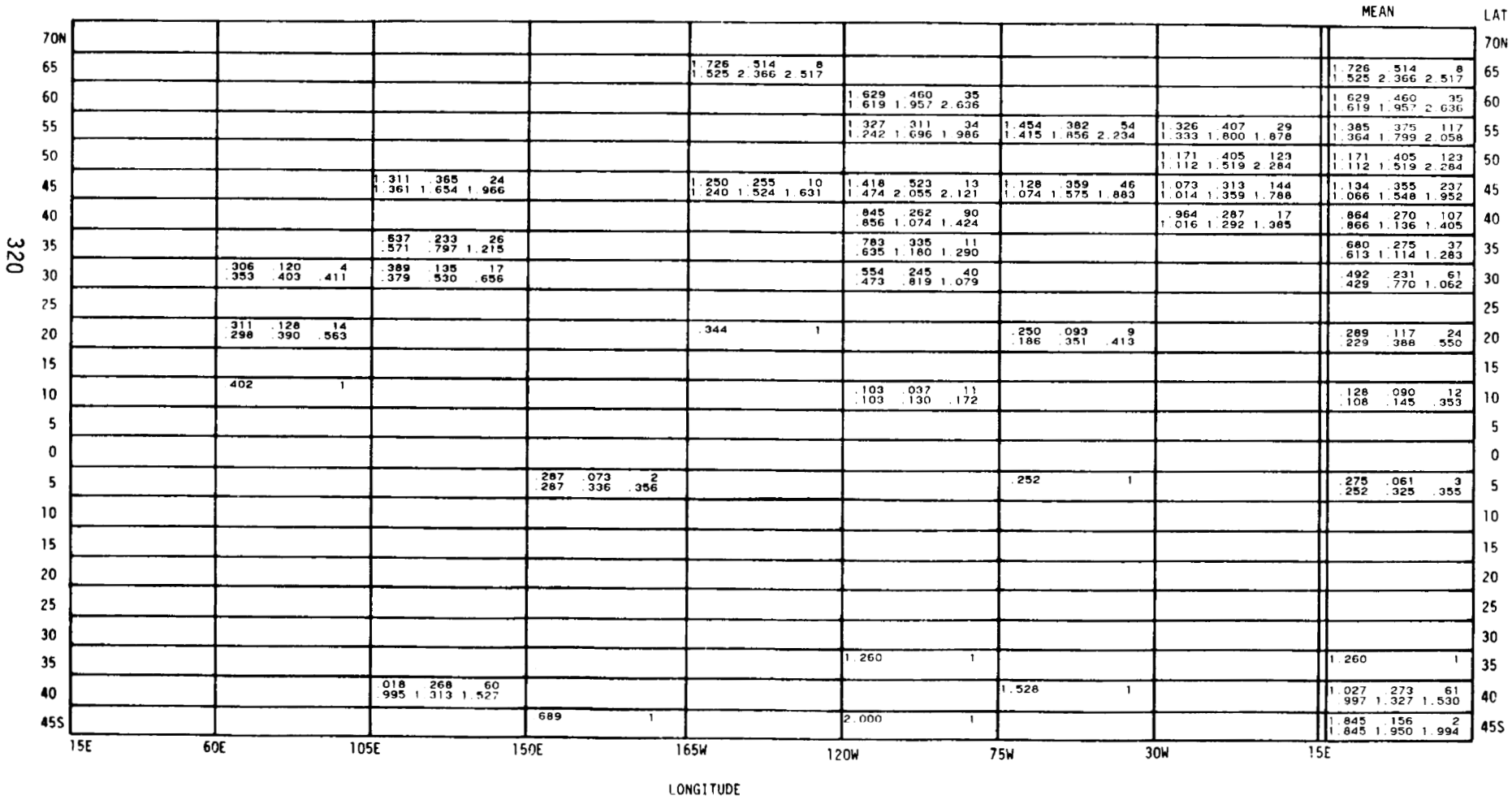
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.489 .458 8 1.334 1.855 2.279					1.489 .458 8 1.334 1.855 2.279
60						1.367 .476 35 1.362 1.822 2.539				1.367 .476 35 1.362 1.822 2.539
55						1.105 .287 35 1.005 1.388 1.730	1.263 .392 54 1.247 1.657 2.022	1.132 .326 29 1.201 1.403 1.662		1.184 .355 118 1.110 1.534 1.984
50								.933 .358 123 .865 1.268 1.921		.933 .358 123 .865 1.268 1.921
45			1.027 .338 24 1.022 1.354 1.691		.959 .307 10 .889 1.185 1.593	1.087 .421 13 1.075 1.358 1.865	.914 .383 46 .810 1.306 1.788	.854 .309 144 .805 1.110 1.679		.901 .341 237 .844 1.210 1.746
40						.650 .245 90 .654 .884 1.212		.698 .218 18 .661 .926 1.055		.658 .241 108 .604 .909 1.193
35			.481 .215 26 .443 .660 1.018			.581 .364 11 .421 1.012 1.240				.511 .272 37 .436 .748 1.173
30		.216 .073 4 .243 .277 .277	.254 .102 17 .203 .376 .435			.408 .233 40 .315 .655 .937				.353 .212 61 .284 .548 .924
25										
20		.216 .093 14 .225 .292 .395			.144 1		.155 .071 9 .124 .197 .307			.190 .089 24 .161 .285 .383
15										
10		.339 1				.067 .013 11 .069 .074 .093				.090 .076 12 .070 .080 .286
5										
0										
5				.112 .002 2 .112 .113 .114			.189 1			.137 .037 3 .114 .165 .186
10										
15										
20										
25										
30										
35						.909 1				.909 1
40			.769 .290 60 .742 1.053 1.326				1.366 1			.779 .298 61 .752 1.066 1.360
45S				.214 1		1.761 1				1.488 .224 2 1.488 1.673 1.750

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

NOVEMBER
FL 570

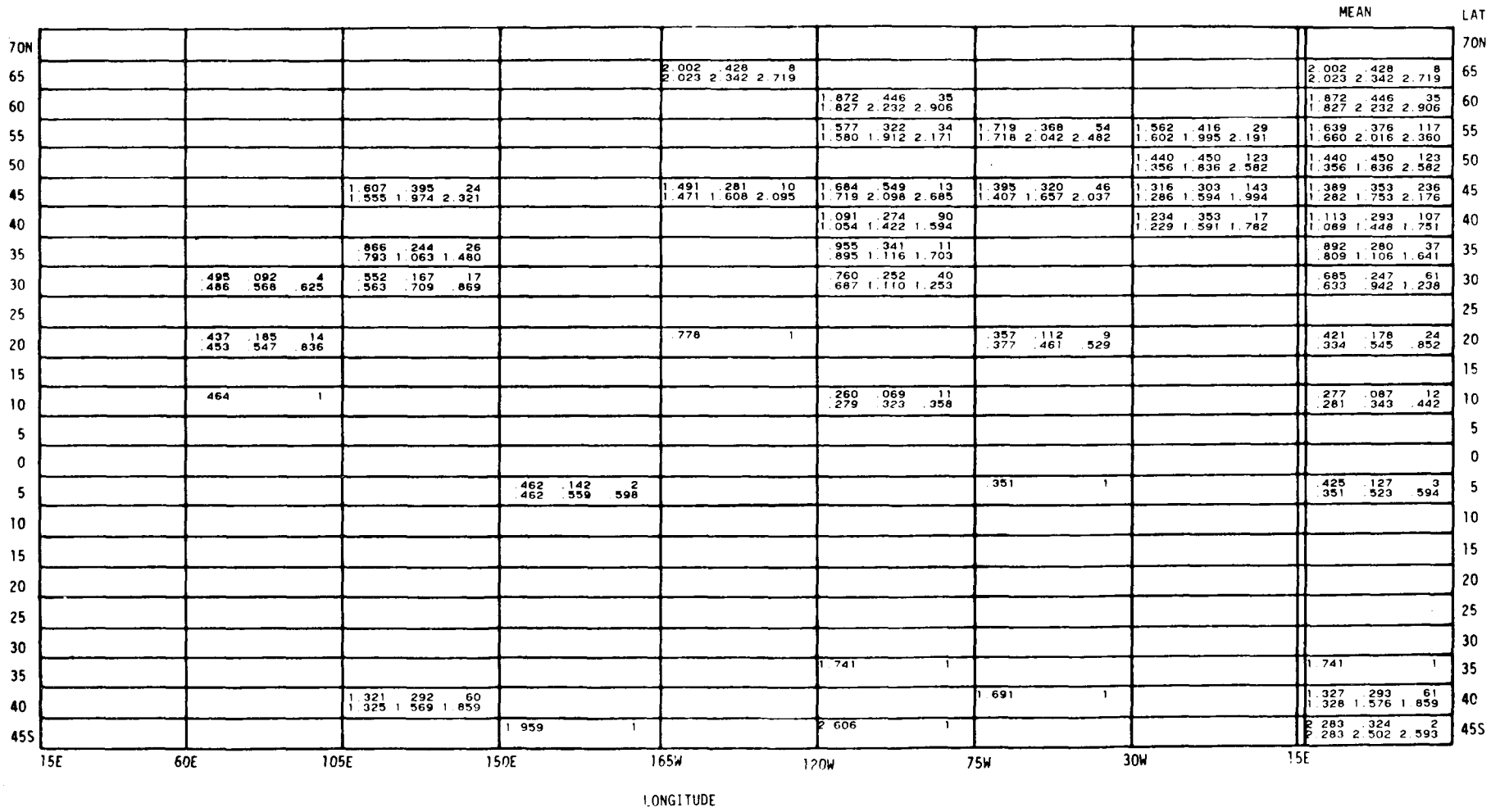


320

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

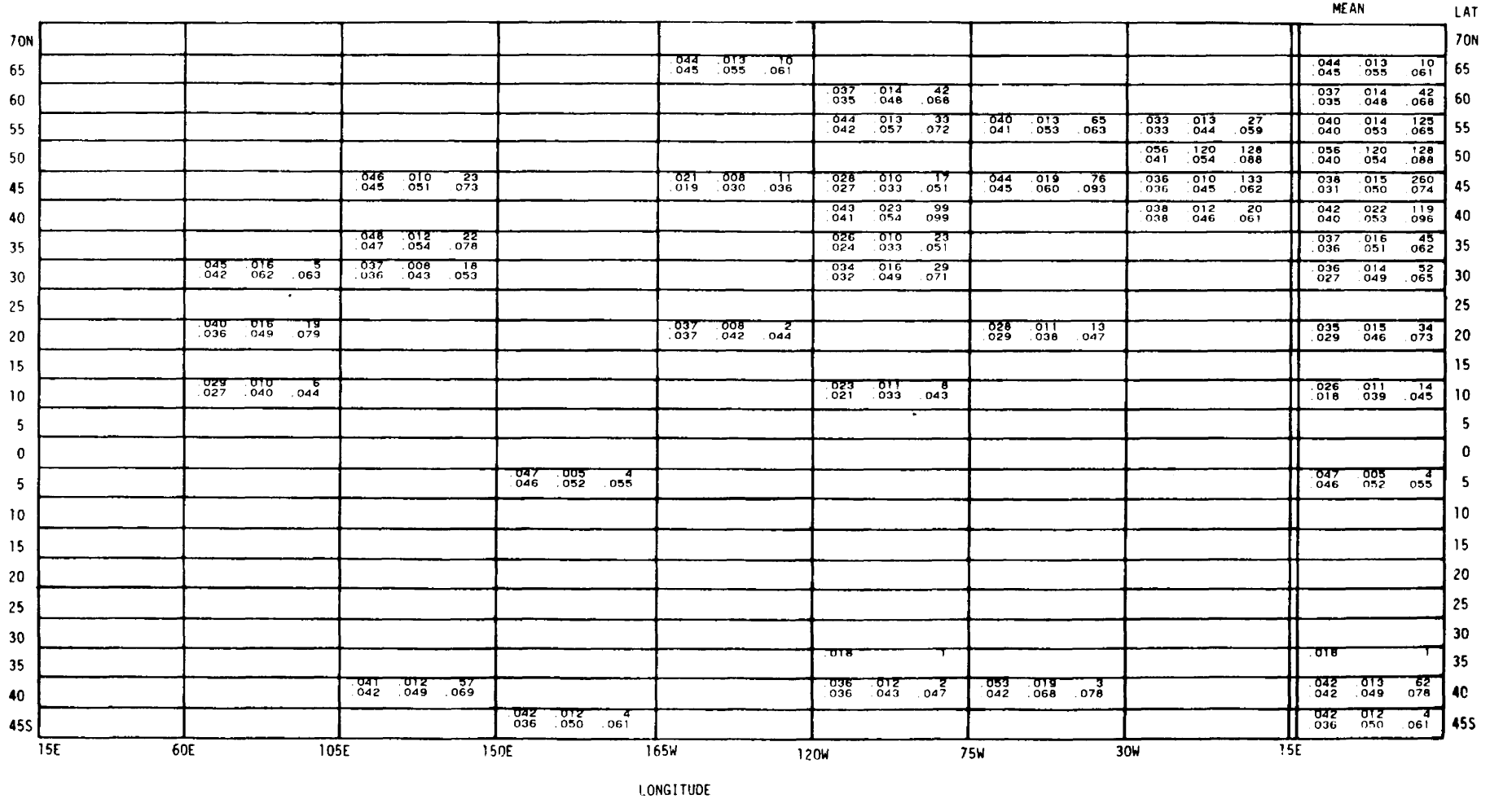
NOVEMBER
FL 590



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

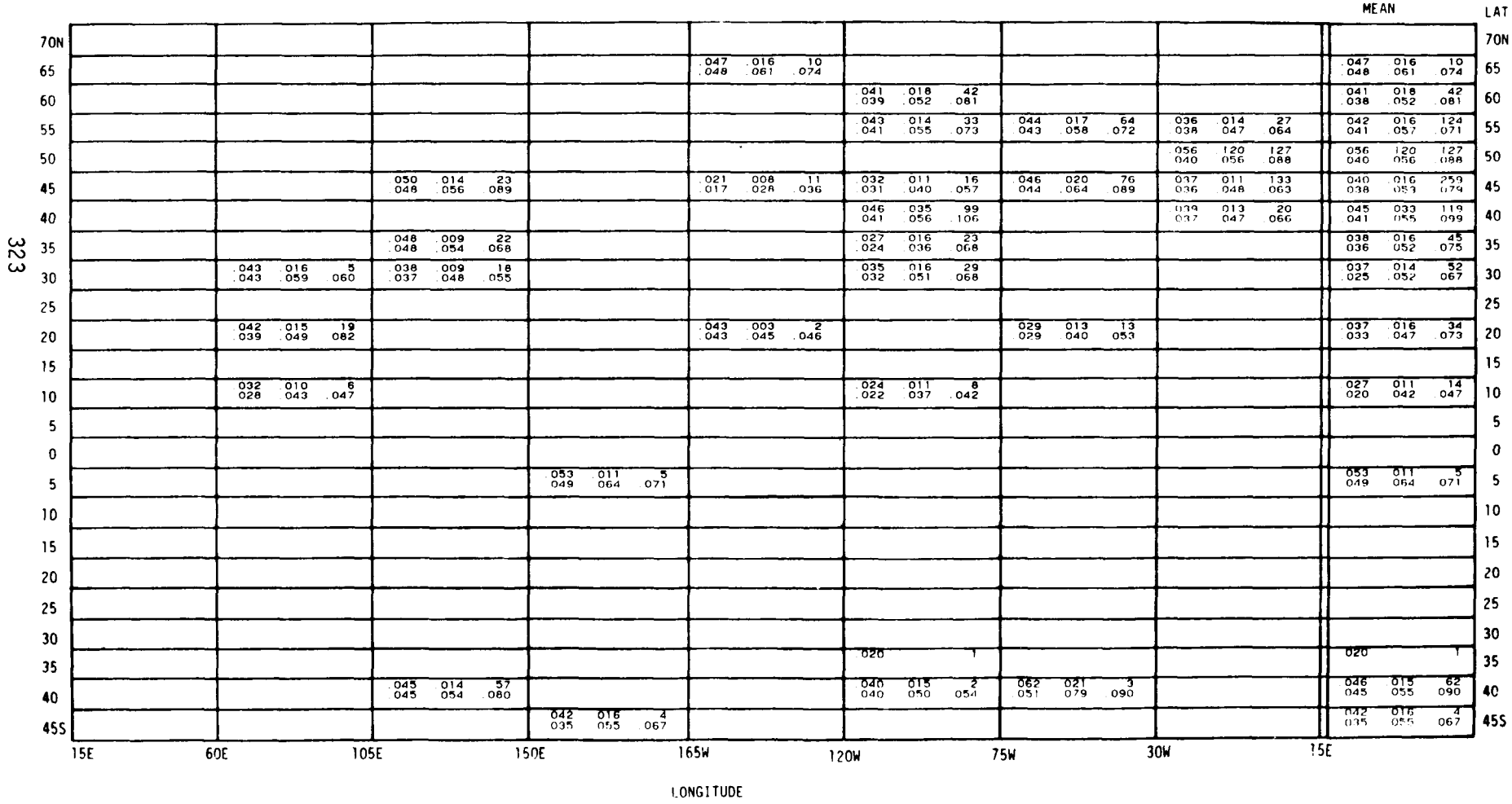
DECEMBER
FL 190



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 210



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 230

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.052 .052 .019 .066 10 .087					.052 .052 .019 .066 10 .087				
60	.041 .040 .015 .055 42 .074						.041 .040 .015 .055 42 .074			
55	.045 .041 .018 .058 124 .081						.044 .043 .015 .056 33 .075	.048 .047 .019 .060 64 .088	.040 .042 .016 .052 27 .073	
50	.058 .041 .120 .058 127 .094								.058 .041 .120 .058 127 .094	
45	.042 .031 .020 .054 260 .100			.054 .050 .018 .065 23 .104		.022 .017 .008 .031 11 .035	.032 .031 .019 .035 17 .081	.050 .046 .024 .070 76 .118	.038 .036 .013 .049 133 .072	
40	.048 .040 .048 .056 119 .106						.049 .041 .052 .056 99 .116		.040 .037 .014 .051 20 .072	
35	.038 .039 .015 .054 45 .064			.049 .049 .009 .057 22 .065			.029 .025 .012 .039 23 .059			
30	.037 .023 .016 .053 52 .078		.041 .044 .016 .056 5 .058	.040 .038 .011 .052 18 .063			.035 .030 .019 .051 29 .079			
25										
20	.038 .035 .017 .051 34 .073		.045 .043 .016 .053 19 .084			.049 .049 .001 .049 2 .049		.027 .027 .012 .037 13 .051		
15										
10	.031 .025 .013 .045 14 .051		.035 .033 .011 .047 6 .052				.027 .026 .013 .042 8 .045			
5										
0										
5	.054 .051 .011 .066 5 .070				.054 .051 .011 .066 5 .070					
10										
15										
20										
25										
30										
35	.022 1						.022			
40	.047 .044 .015 .060 62 .093			.046 .043 .014 .058 57 .090			.053 .053 .011 .060 2 .064	.067 .059 .019 .082 3 .092		
45S	.043 .039 .018 .057 4 .069				.043 .039 .018 .057 4 .069					

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 250

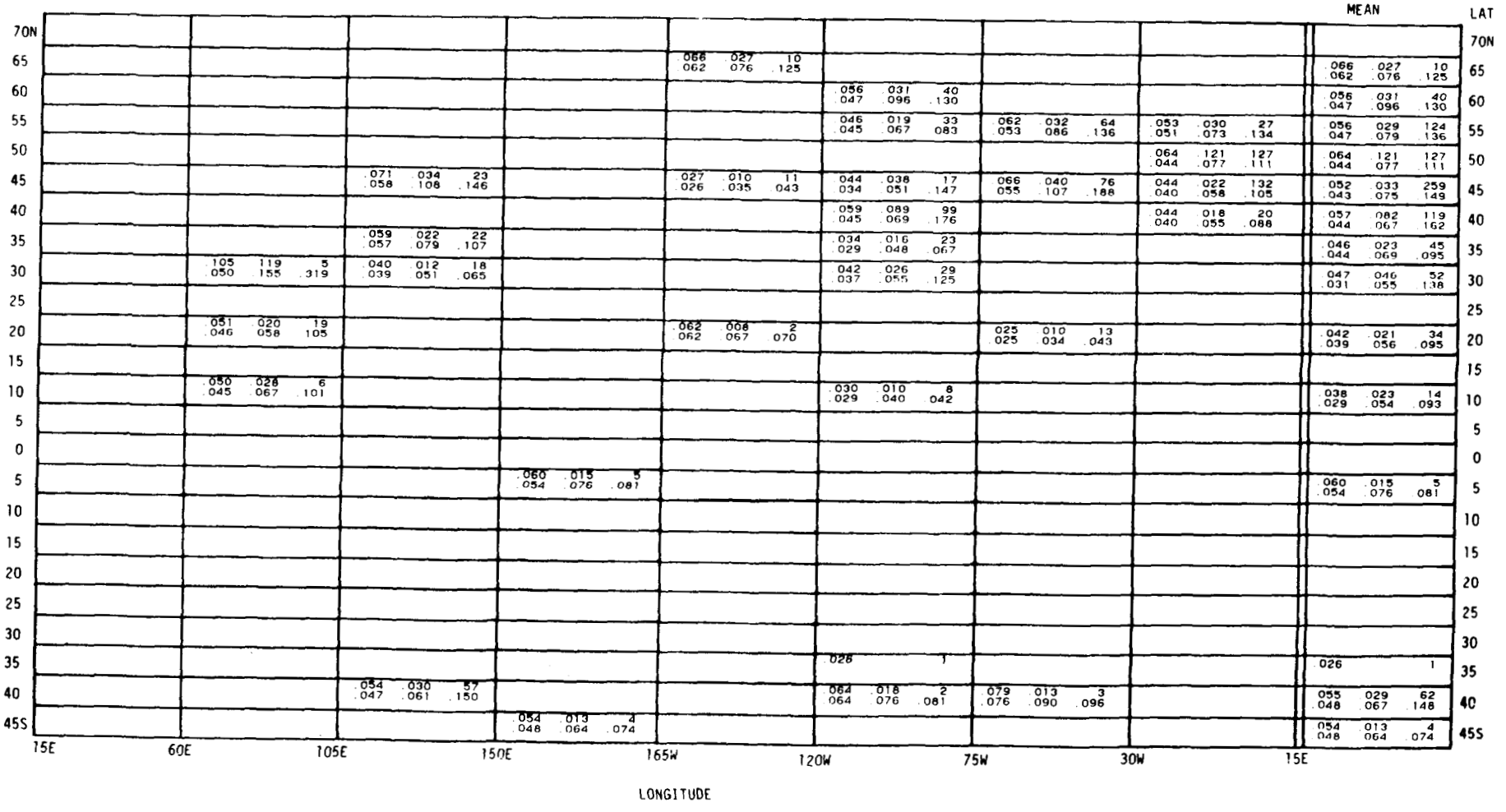
LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.059 .057 .026 .078 10 .113					.059 .057 .026 .078 10 .113
60						.047 .044 .022 .068 40 .097				.047 .044 .022 .068 40 .097
55						.045 .042 .016 .066 33 .078	.052 .049 .025 .069 64 .111	.046 .047 .021 .064 27 .096		.049 .042 .023 .067 124 .103
50								.060 .042 .120 .063 127 .100		.060 .042 .120 .063 127 .100
45			.061 .054 .022 .088 23 .110		.024 .023 .006 .031 11 .033	.038 .032 .028 .041 17 .114	.055 .051 .027 .077 76 .132	.041 .039 .016 .053 132 .079		.046 .042 .023 .062 259 .114
40						.054 .042 .070 .059 99 .184		.042 .038 .016 .053 20 .078		.052 .042 .064 .059 119 .159
35			.052 .051 .014 .066 22 .081			.030 .029 .012 .042 23 .054				.041 .041 .017 .057 45 .074
30		.067 .046 .054 .097 5 .163	.040 .038 .012 .050 18 .065			.038 .032 .022 .061 29 .093				.042 .029 .026 .060 52 .095
25										
20		.048 .046 .018 .054 19 .092			.055 .055 .004 .058 2 .059		.028 .028 .008 .034 13 .044			.040 .038 .017 .053 34 .080
15										
10		.040 .036 .018 .054 8 .070				.027 .029 .010 .037 8 .038				.032 .029 .015 .044 14 .066
5										
0										
5				.054 .052 .010 .065 5 .068						.054 .052 .010 .065 5 .068
10										
15										
20										
25										
30										
35						.024 1				.024 1
40			.047 .045 .016 .062 57 .091			.067 .067 .006 .071 2 .073	.073 .067 .016 .086 3 .094			.049 .044 .017 .065 62 .094
45S				.047 .045 .017 .060 4 .071						.047 .045 .017 .060 4 .071

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 270



CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 290

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	.082 .084 .025 .107 10 .115					.082 .084 .025 .107 10 .115				
60	.072 .056 .046 .126 40 .168						.072 .056 .046 .126 40 .168			
55	.070 .057 .043 .109 123 .183						.052 .046 .027 .077 33 .105	.083 .071 .046 .136 64 .185	.062 .055 .041 .090 26 .173	
50	.069 .047 .121 .088 127 .164								.069 .047 .121 .088 127 .164	
45	.061 .048 .044 .098 259 .198			.084 .062 .045 .137 23 .173		.032 .031 .017 .039 11 .071	.052 .042 .030 .085 17 .114	.081 .065 .056 .122 76 .237	.049 .040 .032 .064 132 .140	
40	.060 .047 .060 .083 119 .167						.063 .048 .064 .088 99 .173		.048 .044 .021 .064 20 .098	
35	.053 .043 .032 .088 45 .126			.068 .059 .033 .111 22 .128			.038 .034 .021 .053 23 .091			
30	.054 .031 .069 .061 52 .172		.142 .049 .186 .230 5 .479	.042 .044 .013 .055 18 .064			.045 .040 .031 .064 29 .133			
25										
20	.045 .037 .024 .061 34 .109		.055 .050 .023 .064 19 .117			.068 .068 .013 .076 2 .080		.026 .030 .011 .036 13 .045		
15										
10	.038 .033 .020 .055 14 .084		.050 .051 .024 .066 6 .089				.029 .029 .008 .038 8 .041			
5										
0										
5	.064 .055 .018 .083 5 .092				.064 .055 .018 .083 5 .092					
10										
15										
20										
25										
30										
35	.028 1						.028 1			
40	.062 .051 .041 .085 62 .215			.061 .052 .042 .076 57 .220			.061 .061 .030 .081 2 .090	.085 .085 .011 .095 3 .098		
45S	.056 .053 .014 .066 4 .077				.056 .053 .014 .066 4 .077					

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 310

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.115 .115 .031 .143 10 .164					.115 .115 .031 .143 10 .164
60						.094 .075 .058 .175 40 .206				.094 .073 .058 .175 40 .206
55						.060 .052 .036 .093 33 .146	.115 .108 .066 .184 64 .260	.083 .068 .059 .149 26 .223		.093 .078 .063 .166 123 .255
50								.083 .054 .119 .124 128 .216		.083 .054 .119 .124 128 .216
45			.106 .091 .058 .174 23 .208		.046 .032 .031 .092 11 .097	.074 .048 .051 .141 17 .176	.101 .080 .070 .155 76 .284	.061 .047 .044 .084 131 .192		.077 .037 .058 .133 258 .248
40						.068 .052 .052 .111 99 .206		.063 .054 .033 .100 20 .141		.066 .052 .050 .106 119 .201
35			.086 .065 .055 .131 22 .210			.047 .039 .038 .054 23 .157				.066 .048 .051 .109 45 .203
30		.154 .050 .199 .254 5 .513	.046 .048 .019 .063 18 .080			.046 .036 .035 .057 29 .147				.056 .031 .075 .064 52 .193
25										
20		.057 .053 .025 .066 19 .124			.073 .073 .012 .080 2 .084		.030 .030 .013 .045 13 .051			.048 .040 .025 .062 34 .121
15										
10		.053 .056 .024 .073 6 .091				.029 .028 .008 .036 8 .039				.039 .032 .021 .057 14 .087
5										
0										
5				.068 .058 .021 .088 5 .102						.068 .058 .021 .088 5 .102
10										
15										
20										
25										
30										
35						.029 1				.029 1
40			.070 .052 .054 .083 57 .242			.058 .058 .018 .070 2 .075	.098 .099 .014 .109 3 .113			.071 .053 .052 .094 62 .241
45S				.057 .055 .014 .068 4 .077						.057 .055 .014 .068 4 .077

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 330

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.193 .202 .049 .240 10 .260					.193 .202 .049 .240 10 .260
60						.129 .115 .076 .208 41 .273				.129 .115 .076 .208 41 .273
55						.081 .065 .059 .141 33 .216	.153 .152 .087 .256 65 .304	.117 .088 .089 .196 26 .327		.126 .079 .087 .228 124 .307
50								.102 .069 .115 .176 129 .273		.102 .069 .115 .176 129 .273
45			.145 .143 .081 .230 23 .286		.062 .035 .060 .114 11 .196	.097 .065 .075 .199 17 .226	.134 .114 .085 .226 76 .335	.081 .057 .062 .139 131 .252		.102 .051 .077 .190 258 .297
40						.080 .056 .068 .135 99 .290		.077 .060 .046 .120 20 .189		.080 .058 .065 .131 119 .274
35			.100 .078 .057 .155 22 .228			.061 .050 .048 .086 23 .192				.080 .065 .056 .130 45 .229
30		.133 .053 .148 .215 5 .400	.054 .049 .026 .083 18 .102			.054 .040 .043 .096 29 .164				.061 .034 .063 .094 52 .220
25										
20		.058 .055 .026 .068 19 .129			.075 .075 .004 .078 2 .079		.033 .032 .012 .047 12 .054			.050 .046 .025 .067 33 .123
15										
10		.061 .058 .033 .087 6 .117				.030 .027 .009 .042 8 .043				.043 .033 .027 .064 14 .110
5										
0										
5				.072 .062 .024 .092 5 .113						.072 .062 .024 .092 5 .113
10										
15										
20										
25										
30										
35						.028 1				.028 1
40			.082 .058 .075 .103 57 .328			.080 .080 .005 .083 2 .084	.113 .098 .022 .129 3 .142			.084 .058 .072 .104 62 .327
45S				.059 .060 .013 .069 4 .074						.059 .060 .013 .069 4 .074

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 350

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.276 .074 10 .266 .353 .403					.276 .074 10 .266 .353 .403
60						.171 .099 42 .173 .238 .491				.171 .099 42 .173 .238 .491
55						.118 .083 33 .110 .204 .299	.204 .109 65 .192 .315 .381	.165 .118 25 .146 .278 .440		.173 .111 123 .163 .297 .407
50								.132 .118 129 .121 .227 .344		.132 .118 129 .121 .227 .344
45			.197 .110 23 .186 .306 .409		.080 .065 11 .062 .135 .222	.152 .100 17 .103 .269 .334	.167 .103 76 .161 .250 .432	.107 .080 131 .077 .183 .305		.135 .097 258 .068 .239 .384
40						.101 .082 99 .068 .181 .310		.095 .052 20 .075 .137 .232		.100 .078 119 .069 .173 .306
35			.112 .054 22 .114 .145 .226			.065 .044 23 .047 .108 .166				.088 .054 45 .090 .141 .205
30		.114 .096 5 .070 .176 .286	.062 .034 18 .062 .088 .138			.060 .054 29 .040 .077 .224				.066 .056 52 .039 .090 .249
25										
20		.060 .029 19 .054 .077 .138			.078 .004 2 .078 .080 .081		.032 .014 13 .033 .049 .055			.050 .028 34 .042 .071 .126
15										
10		.070 .042 6 .061 .103 .143				.030 .008 8 .028 .038 .044				.047 .035 14 .031 .072 .134
5										
0										
5				.077 .027 5 .067 .096 .123						.077 .027 5 .067 .096 .123
10										
15										
20										
25										
30										
35						.027 1				.027 1
40			.100 .090 57 .069 .124 .396			.089 .013 2 .089 .097 .101	.136 .028 3 .118 .157 .173			.102 .087 62 .069 .128 .391
45S				.071 .008 4 .067 .076 .084						.071 .008 4 .067 .076 .084

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 370

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN	LAT
70N											70N
65					352 086 10 324 445 485					352 086 10 324 445 485	65
60						228 105 42 227 307 521				228 105 42 227 307 521	60
55						175 115 33 163 279 453	261 128 65 246 388 486	208 144 25 174 311 554		227 134 123 210 359 511	55
50								166 127 129 150 273 412		166 127 129 150 273 412	50
45			267 135 23 255 374 547		128 081 11 122 188 295	227 133 17 194 359 445	202 122 76 192 307 540	140 098 131 113 240 372		175 119 258 093 293 493	45
40						124 096 99 090 231 381		134 075 20 101 223 286		126 093 119 091 230 375	40
35			131 064 22 127 199 260			081 054 23 062 138 198				106 064 45 110 164 239	35
30		098 047 5 092 140 171	071 046 18 072 091 187			072 070 29 052 103 293				074 061 52 043 111 283	30
25											25
20		064 033 19 058 086 150			080 011 2 080 087 091		034 015 13 033 052 060			053 031 34 042 068 133	20
15											15
10		085 062 6 068 127 198				029 008 8 027 037 042				053 050 14 034 083 182	10
5											5
0											0
5				081 030 5 071 101 134						081 030 5 071 101 134	5
10											10
15											15
20											20
25											25
30											30
35						025 1				025 1	35
40			126 096 57 094 193 382			126 008 2 126 131 133	164 031 3 150 189 205			128 092 62 095 194 382	40
45S				098 028 4 098 126 126						098 028 4 098 126 126	45S

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 390

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.444 .103 10 .443 .561 .580					.444 .103 10 .443 .561 .580
60						.290 .129 42 .263 .424 .577				.290 .129 42 .263 .424 .577
55						.238 .149 33 .204 .377 .597	.311 .134 65 .309 .465 .595	.255 .173 25 .191 .426 .682		.280 .150 123 .268 .422 .646
50								.211 .137 129 .190 .323 .494		.211 .137 129 .190 .323 .494
45			.325 .145 23 .294 .478 .611		.179 .107 11 .145 .292 .374	.281 .168 17 .192 .495 .569	.254 .158 76 .228 .359 .718	.176 .115 129 .148 .282 .435		.220 .145 256 .111 .351 .583
40						.157 .120 99 .113 .281 .501		.160 .092 20 .122 .279 .350		.157 .115 119 .117 .282 .493
35			.151 .083 22 .131 .217 .343			.102 .055 23 .083 .163 .203				.126 .074 45 .119 .193 .303
30		.086 .034 5 .073 .121 .134	.091 .093 18 .080 .108 .343			.092 .097 28 .067 .110 .412				.091 .091 51 .073 .114 .450
25										
20		.068 .037 19 .062 .095 .163			.084 .019 2 .084 .096 .101		.033 .016 13 .030 .046 .065			.056 .035 34 .043 .070 .141
15										
10		.095 .066 6 .081 .141 .208				.031 .010 8 .033 .037 .046				.058 .054 14 .036 .107 .192
5										
0										
5				.087 .033 5 .075 .107 .145						.087 .033 5 .075 .107 .145
10										
15										
20										
25										
30										
35						.026 1				.026 1
40			.148 .090 57 .112 .247 .362			.218 .039 2 .218 .244 .254	.203 .047 3 .234 .237 .239			.153 .089 62 .119 .247 .361
45S				.130 .055 4 .129 .185 .188						.130 .055 4 .129 .185 .188

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	96%

DECEMBER
FL 410

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.646 .672 .141 .753 10 .830					.646 .672 .141 .753 10 .830
60						.365 .346 .153 .509 41 .692				.365 .346 .153 .509 41 .692
55						.315 .265 .202 .514 33 .748	.376 .354 .160 .558 65 .720	.321 .239 .207 .462 25 .889		.348 .339 .185 .522 123 .793
50								.266 .258 .149 .384 129 .681		.266 .258 .149 .384 129 .681
45			.385 .404 .154 .518 23 .728		.194 .177 .102 .259 11 .422	.319 .246 .203 .524 17 .740	.307 .248 .178 .460 76 .725	.218 .196 .125 .351 129 .516		.265 .147 .161 .413 256 .679
40						.194 .143 .138 .309 99 .547		.188 .172 .082 .264 20 .348		.193 .151 .131 .308 119 .539
35			.164 .150 .078 .245 22 .311			.128 .118 .072 .204 23 .273				.145 .135 .077 .235 45 .291
30		.097 .095 .038 .136 5 .143	.100 .080 .106 .108 18 .397			.104 .076 .117 .130 28 .439				.102 .078 .108 .132 51 .511
25										
20		.075 .064 .039 .102 19 .177			.093 .093 .023 .108 2 .114		.033 .027 .020 .050 13 .071			.060 .050 .038 .078 34 .151
15										
10		.106 .103 .067 .155 6 .213				.034 .030 .013 .044 8 .059				.065 .039 .058 .132 14 .199
5										
0										
5				.096 .079 .035 .119 5 .158						.096 .079 .035 .119 5 .158
10										
15										
20										
25										
30										
35						.033 1				.033 1
40			.174 .149 .091 .279 57 .372			.237 .237 .176 .357 2 .406	.237 .234 .052 .280 3 .299			.179 .153 .095 .286 62 .376
45S				.163 .164 .069 .231 4 .235						.163 .164 .069 .231 4 .235

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 430

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.738 .819 .245 .999 .10 1.013					.738 .819 .245 .999 .10 1.013
60						.440 .388 .211 .673 .41 .876				.440 .388 .211 .673 .41 .876
55						.403 .353 .224 .586 .33 .901	.465 .438 .199 .619 .65 .972	.388 .363 .236 .550 .25 .980		.433 .426 .217 .590 .123 .978
50								.325 .298 .180 .458 .129 .799		.325 .298 .180 .458 .129 .799
45			.455 .461 .185 .550 .23 .911		.251 .222 .156 .364 .11 .587	.391 .279 .270 .557 .17 1.047	.358 .321 .212 .547 .76 .894	.274 .231 .148 .442 .129 .614		.322 .183 .192 .500 .256 .834
40						.241 .181 .176 .397 .99 .699		.233 .209 .094 .341 .20 .415		.240 .187 .165 .377 .119 .683
35			.185 .169 .090 .274 .22 .386			.173 .122 .128 .313 .23 .449				.179 .152 .111 .293 .45 .435
30		.110 .118 .043 .152 .5 .153	.110 .085 .113 .105 .18 .434			.111 .084 .098 .175 .28 .365				.110 .087 .100 .153 .51 .512
25										
20		.082 .073 .041 .101 .19 .191			.102 .102 .027 .120 .2 .127		.045 .046 .023 .074 .13 .077			.069 .059 .039 .088 .34 .161
15										
10		.120 .121 .073 .179 .6 .230				.035 .031 .012 .044 .8 .059				.072 .039 .064 .148 .14 .218
5										
0										
5				.105 .087 .037 .132 .5 .170						.105 .087 .037 .132 .5 .170
10										
15										
20										
25										
30										
35						.041 1				.041 1
40			.187 .172 .090 .289 .57 .379			.252 .252 .158 .359 .2 .404	.203 .214 .030 .227 .3 .232			.190 .171 .092 .291 .62 .383
45S				.189 .186 .047 .227 .4 .254						.189 .186 .047 .227 .4 .254

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 450

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					.923 .891 .333 1.313 10 1.385					.923 .891 .333 1.313 10 1.385
60						.591 .609 249 .833 41 1.041				.591 .609 249 .833 41 1.041
55						.527 .445 .295 .881 33 1.260	.564 .498 .238 .781 65 1.075	.463 .420 .303 .661 25 1.198		.533 .481 .271 .757 123 1.190
50								.402 .365 .208 .584 129 .972		.402 .365 .208 .584 129 .972
45			.547 .516 .239 .690 23 1.115		.321 .307 .116 .429 11 .537	.447 .459 .268 .695 17 .970	.455 .391 .247 .721 76 .971	.334 .299 .182 .520 129 .752		.396 .210 .225 .636 256 .981
40						.289 .228 .197 .494 99 .758		.308 .253 .162 .476 20 .626		.292 .241 .192 .493 119 .754
35			.216 .189 .106 .345 22 .407			.195 .176 .123 .305 23 .465				.205 .187 .115 .335 45 .429
30		.126 .140 .050 .172 5 .172	.117 .096 .111 .113 18 .435			.123 .099 .085 .194 28 .358				.121 .100 .093 .172 51 .394
25										
20		.090 .082 .044 .107 19 .208			.112 .112 .032 .133 2 .142		.050 .053 .018 .068 13 .077			.076 .062 .042 .098 34 .178
15										
10		.145 .140 .096 .216 6 .305				.044 .040 .013 .057 8 .067				.088 .049 .081 .166 14 .285
5										
0										
5				.116 .097 .038 .145 5 .182						.116 .097 .038 .145 5 .182
10										
15										
20										
25										
30										
35						.098 1				.098 1
40			.218 .206 .106 .301 57 .420			.226 .226 .084 .283 2 .307	.223 .215 .049 .161 3 .267			.218 .206 .103 .301 62 .418
45S				.255 .259 .035 .282 4 .296						.255 .259 .035 .282 4 .296

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 470

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.052 .354 10 .962 1.454 1.566					1.052 .354 10 .962 1.454 1.566
60						.716 .281 41 .742 .952 1.334				.716 .281 41 .742 .952 1.334
55						.635 .356 33 .592 .969 1.446	.689 .284 65 .647 1.004 1.246	.581 .378 25 .472 .772 1.547		.652 .328 123 .629 .958 1.280
50								.510 .279 129 .486 .765 1.162		.510 .279 129 .486 .765 1.162
45			.608 .216 23 .647 .819 .990		.341 .157 11 .274 .468 .653	.577 .352 17 .502 .965 1.215	.559 .292 76 .535 .884 1.160	.401 .207 129 .347 .604 .936		.476 .261 256 .261 .759 1.147
40						.335 .196 99 .280 .594 .757		.364 .194 19 .363 .510 .796		.340 .196 118 .270 .564 .773
35			.266 .146 22 .225 .456 .535			.260 .174 23 .220 .464 .641				.263 .161 45 .222 .467 .614
30		.157 .067 5 .162 .218 .237	.136 .119 18 .103 .158 .472			.151 .119 29 .123 .233 .490				.146 .115 52 .082 .211 .530
25										
20		.107 .046 19 .103 .132 .229			.125 .041 2 .125 .153 .164		.055 .017 13 .058 .074 .076			.088 .046 34 .070 .117 .200
15										
10		.174 .119 6 .163 .252 .380				.046 .014 8 .040 .056 .073				.101 .101 14 .049 .192 .351
5										
0										
5				.130 .039 5 .123 .159 .194						.130 .039 5 .123 .159 .194
10										
15										
20										
25										
30										
35						216 1				.216 1
40			.251 .131 57 .227 .374 .510			.240 .018 2 .240 .252 .257	.351 .039 3 .367 .382 .388			.255 .128 62 .226 .376 .505
45S				.322 .090 4 .279 .387 .465						.322 .090 4 .279 .387 .465

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 490

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.288 .488 10 1.038 1.831 2.039					1.288 .488 10 1.038 1.831 2.039
60						873 .307 41 834 1.186 1.492				873 .307 41 834 1.186 1.492
55						768 .487 32 602 1.320 2.017	854 .351 65 836 1.271 1.521	744 .452 25 660 .947 1.911		809 .414 122 724 1.246 1.818
50								581 .310 129 534 .939 1.221		581 .310 129 534 .939 1.221
45			764 .237 23 832 .986 1.083		472 .253 11 345 .833 920	690 .400 17 554 1.092 1.553	649 .345 76 621 .972 1.384	495 .259 129 468 .714 1.193		577 .312 256 317 .909 1.268
40						407 .232 99 362 .625 .966		442 .220 19 434 .592 .929		413 .230 118 336 .625 1.001
35			335 .196 22 267 .602 .715			292 .190 23 230 .461 .702				313 .194 45 267 .523 .744
30		188 .087 5 184 .265 .303	171 .136 18 139 .271 .527			195 .226 29 146 .257 .873				186 .189 52 107 .266 .633
25										
20		123 .053 19 125 .144 .258			147 .058 2 147 .186 .203		071 .018 13 079 .086 .096			105 .051 34 084 .139 .238
15										
10		202 .139 6 187 .287 .447				046 .013 8 040 .064 .067				113 .120 14 059 .219 .410
5										
0										
5				144 .042 5 150 .175 .207						144 .042 5 150 .175 .207
10										
15										
20										
25										
30										
35						245 1				245 1
40			315 161 57 283 463 645			245 030 2 245 265 274	477 024 3 462 495 509			321 159 62 276 468 642
45S				372 .125 4 384 .476 528						372 .125 4 384 .476 528

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 510

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.430 .534 10 1.331 1.980 2.386					1.430 .534 10 1.331 1.980 2.386
60						1.071 .326 41 1.098 1.357 1.838				1.071 .326 41 1.098 1.357 1.838
55						.939 .504 32 .830 1.477 2.031	.995 .396 65 .977 1.317 1.870	.929 .512 25 .808 1.359 2.161		.966 .453 122 .863 1.368 1.987
50								.724 .374 129 .657 1.067 1.672		.724 .374 129 .657 1.067 1.672
45			.911 .297 23 .862 1.235 1.475		.471 .196 11 .445 .690 .841	.947 .507 17 .810 1.653 1.792	.817 .438 76 .780 1.252 1.843	.617 .319 129 .564 .917 1.437		.719 .390 256 .424 1.089 1.731
40						.522 .302 99 .457 .837 1.284		.561 .253 19 .581 .753 1.117		.529 .295 118 .445 .837 1.277
35			.439 .206 22 .406 .670 .822			.389 .278 23 .339 .616 1.070				.414 .247 45 .379 .669 .923
30		.227 .095 5 .206 .311 .370	.206 .152 18 .170 .301 .605			.252 .291 29 .148 .336 1.117				.234 .238 .52 .124 .339 .762
25										
20		.140 .062 19 .145 .170 .293			.169 .076 2 .169 .221 .242		.086 .028 13 .087 .119 .132			.121 .060 34 .092 .160 .280
15										
10		.230 .158 6 .211 .321 .513				.052 .015 8 .049 .066 .076				.128 .137 14 .063 .245 .470
5										
0										
5				.158 .047 5 .165 .200 .220						.158 .047 5 .165 .200 .220
10										
15										
20										
25										
30										
35						.248 1				.248 1
40			.408 .198 57 .359 .591 .933			.407 .061 2 .407 .448 .466	.528 .096 3 .550 .606 .630			.414 .193 62 .357 .591 .916
45S				.432 .105 4 .451 .509 .552						.432 .105 4 .451 .509 .552

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 530

LAT	MEAN	15E	60E	105E	150E	165W	120W	75W	30W	15E
70N										
65	1.811 .495 10 1.874 2.158 2.547					1.811 .495 10 1.874 2.158 2.547				
60	1.252 .367 41 1.190 1.564 2.170						1.252 .367 41 1.190 1.564 2.170			
55	1.134 .475 121 1.074 1.586 2.206						1.123 .540 32 1.036 1.682 2.215	1.172 .437 64 1.146 1.588 2.036	1.054 .470 25 1.046 1.387 2.142	
50	889 .409 129 839 1.335 1.873								889 .409 129 839 1.335 1.873	
45	880 .453 255 775 1.332 1.967			1.207 .430 22 1.151 1.552 2.081		.567 .142 11 .519 .703 .859	1.082 .524 17 .851 1.715 2.033	975 .511 76 904 1.380 2.129	767 .364 129 719 1.095 1.752	
40	646 .372 118 543 .995 1.577						635 .383 99 541 1.001 1.581		702 .301 19 696 .992 1.298	
35	540 .333 45 462 .884 1.447			572 .257 22 559 .912 .977			509 .389 23 357 .747 1.456			
30	320 .275 52 179 .438 .942		315 .091 5 308 .407 .442	266 .178 18 218 .372 .704			355 .334 29 264 .460 1.273			
25										
20	140 .071 34 106 .179 354		157 .072 19 158 .198 334			230 .104 2 230 .300 .329		102 .028 13 101 .124 .155		
15										
10	148 .160 14 076 .271 .552		263 .189 6 234 .362 .609				061 .017 8 056 .081 .088			
5										
0										
5	172 .053 5 179 .224 .234				172 .053 5 179 .224 .234					
10										
15										
20										
25										
30										
35	382 1						382 1			
40	512 .224 62 491 .760 914			501 .226 57 481 .723 916			674 .152 2 674 .777 .819	621 .134 3 671 .727 .751		
45S	547 .124 4 564 .640 .695				547 .124 4 564 .640 .695					

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 550

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					1.995 .532 10 2.148 2.489 2.640					1.995 .532 10 2.148 2.489 2.640
60						1.426 .318 40 1.506 1.773 1.935				1.426 .318 40 1.506 1.773 1.935
55						1.344 .616 32 1.314 2.045 2.502	1.387 .455 64 1.339 1.816 2.345	1.294 .481 25 1.268 1.727 2.497		1.356 .509 121 1.303 1.816 2.415
50								1.100 .447 129 1.001 1.586 2.052		1.100 .447 129 1.001 1.586 2.052
45			1.410 .394 20 1.401 1.835 1.978		.773 .239 11 .704 .933 1.286	1.297 .441 17 1.331 1.694 2.166	1.111 .512 76 1.038 1.516 2.444	.954 .372 129 .938 1.313 1.877		1.053 .448 253 .994 1.432 2.014
40						.833 .395 99 .744 1.295 1.765		.905 .329 19 .923 1.207 1.391		.844 .386 118 .735 1.279 1.757
35			.741 .287 22 .762 1.051 1.241			.603 .437 23 .456 1.054 1.619				.670 .378 45 .600 1.082 1.368
30		.459 .154 5 .408 .611 .697	.373 .233 18 .283 .629 .870			.526 .401 29 .386 .910 1.679				.466 .341 52 .272 .705 1.664
25										
20		.208 .085 19 .202 .270 .418			.344 .023 2 .344 .360 .366		.137 .041 13 .125 .147 .242			.189 .086 34 .142 .271 .394
15										
10		.337 .202 6 .290 .427 .712				.072 .018 8 .070 .091 .102				.186 .187 14 .092 .325 .647
5										
0										
5				.187 .040 5 .198 .222 .239						.187 .040 5 .198 .222 .239
10										
15										
20										
25										
30										
35						599 1				.599 1
40			.651 .264 57 .668 .865 1.210			.910 .067 2 .910 .956 .974	.996 .045 3 .986 1.034 1.053			.676 .268 62 .636 .914 1.200
45S				.714 .122 4 .709 .814 .881						.714 .122 4 .709 .814 .881

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 570

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.188 .457 10 2.228 2.567 2.935					2.188 .457 10 2.228 2.567 2.935
60						1.667 .355 39 1.675 1.969 2.500				1.667 .355 39 1.675 1.969 2.500
55						1.590 .610 32 1.703 2.164 2.557	1.609 .459 63 1.583 2.056 2.540	1.524 .454 24 1.440 1.927 2.459		1.587 .504 119 1.565 2.056 2.573
50								1.316 .447 129 1.242 1.765 2.233		1.316 .447 129 1.242 1.765 2.233
45			1.657 .435 20 1.760 2.036 2.301		1.016 .178 11 1.026 1.177 1.294	1.614 .313 17 1.499 1.898 2.259	1.384 .490 76 1.330 1.731 2.574	1.181 .355 128 1.149 1.519 2.090		1.302 .435 252 .954 1.715 2.237
40						1.068 .402 99 1.023 1.551 1.876		1.050 .347 19 1.032 1.350 1.635		1.065 .393 118 .980 1.524 1.867
35			.935 .311 22 .948 1.274 1.434			.793 .425 23 .753 1.226 1.626				.863 .380 45 .855 1.247 1.603
30		.645 .221 5 .608 .805 1.012	.487 .272 18 .427 .693 1.111			.690 .411 29 .558 1.138 1.629				.615 .366 52 .395 1.019 1.402
25										
20		.305 .159 19 .259 .347 .747			.440 .081 2 .440 .495 .518		.218 .112 13 .176 .286 .496			.280 .151 34 .228 .352 .670
15										
10		.444 .198 6 .394 .513 .824				.120 .040 8 .129 .154 .172				.259 .208 14 .165 .407 .753
5										
0										
5				.233 .042 5 .232 .277 .281						.233 .042 5 .232 .277 .281
10										
15										
20										
25										
30										
35						.817 1				.817 1
40			.887 .318 57 .862 1.111 1.614			1.146 .025 2 1.146 1.162 1.169	1.294 .270 3 1.429 1.502 1.532			.915 .326 62 .853 1.172 1.613
45S				.907 .119 4 .901 .997 1.071						.907 .119 4 .901 .997 1.071

LONGITUDE

CODE:

MEAN	ST. DEV.	N
50%	84%	98%

DECEMBER
FL 590

LAT	15E	60E	105E	150E	165W	120W	75W	30W	15E	MEAN
70N										
65					2.358 .456 10 2.206 2.750 3.264					2.358 .456 10 2.206 2.750 3.264
60						1.904 .358 38 1.938 2.206 2.625				1.904 .358 38 1.938 2.206 2.625
55						1.813 .578 32 1.844 2.468 2.647	1.833 .468 60 1.788 2.279 2.870	1.788 .441 24 1.678 2.202 2.610		1.818 .495 119 1.788 2.336 2.764
50								1.528 .453 129 1.487 1.963 2.447		1.528 .453 129 1.487 1.963 2.447
45			1.928 .516 20 1.911 2.393 2.906		1.333 .321 11 1.283 1.675 1.848	2.041 .368 17 2.059 2.518 2.582	1.648 .566 75 1.502 2.138 3.088	1.439 .336 128 1.422 1.719 2.243		1.577 .475 251 1.483 2.059 2.572
40						1.325 .421 99 1.304 1.776 2.141		1.221 .386 19 1.243 1.609 1.891		1.309 .417 118 1.259 1.731 2.127
35			1.164 .388 22 1.111 1.536 1.971			1.057 .397 23 1.138 1.305 1.833				1.119 .398 45 1.138 1.476 2.053
30		.802 .205 5 .797 1.013 1.061	.693 .363 18 .628 .922 1.577			.911 .416 29 .852 1.342 1.831				.825 .396 52 .621 1.255 1.739
25										
20		.449 .254 19 .383 .573 1.133			.612 .109 2 .612 .686 .717		.386 .201 13 .376 .652 .698			.435 .234 34 .345 .640 .966
15										
10		.598 .178 6 .507 .691 .946				.233 .090 8 .214 .336 .375				.389 .225 14 .361 .510 .887
5										
0										
5				.306 .027 5 .311 .334 .338						.306 .027 5 .311 .334 .338
10										
15										
20										
25										
30										
35						1.035 1				1.035 1
40			1.139 .312 57 1.125 1.468 1.792			1.396 .101 2 1.396 1.465 1.493	1.707 .390 3 1.864 2.015 2.077			1.174 .337 62 1.083 1.525 1.923
45S				1.157 .158 4 1.235 1.299 1.270						1.157 .158 4 1.235 1.299 1.270

LONGITUDE

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NASA CR-174631 FAA-EE-83-13		

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16. Abstract

Ozonesonde data available from the period 1962-1980 have been compiled and statistics computed. Seasonal and monthly statistics of the mean, standard deviation and the empirical 50th, 84th and 98th percentiles of ozone are presented as a function of height. The gridded format which was used parallels the format of the GASP data summaries so that comparisons between the two can easily be made.

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